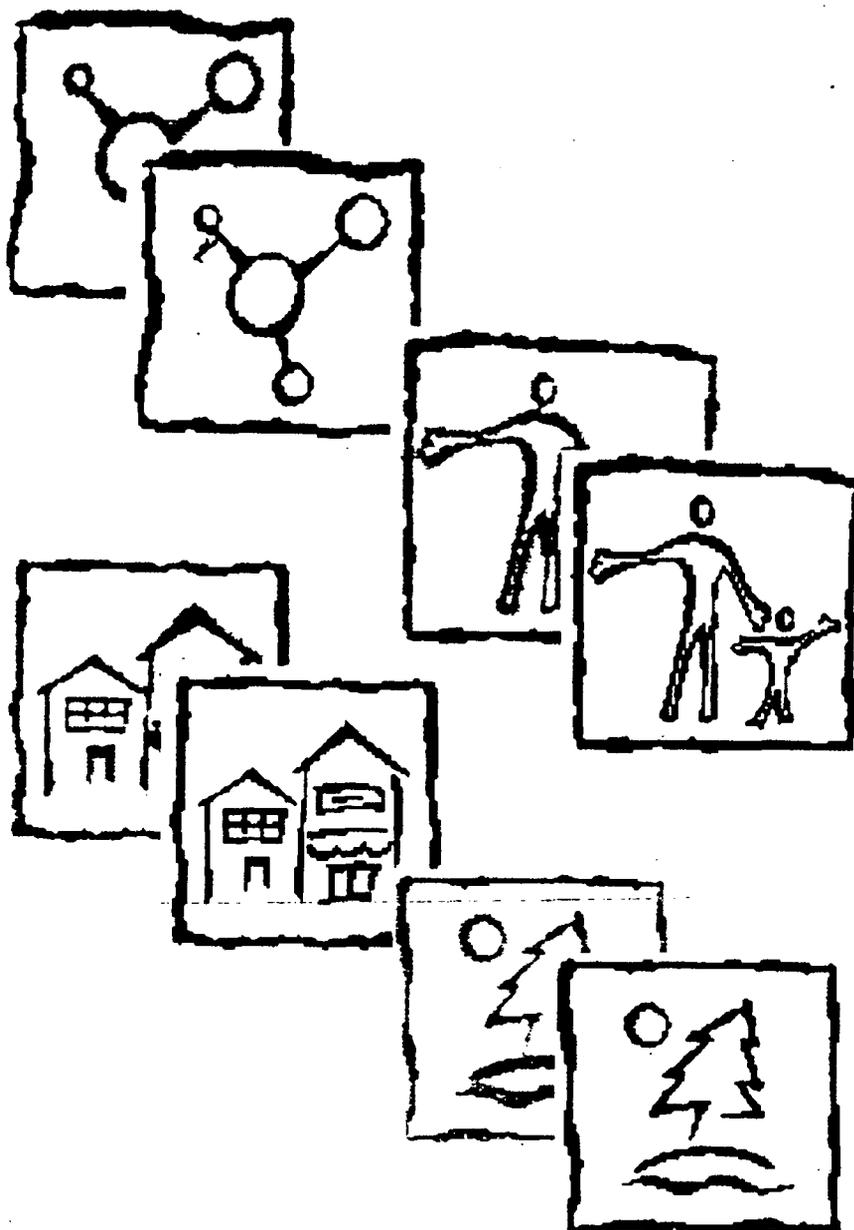




Chemical Right to Know

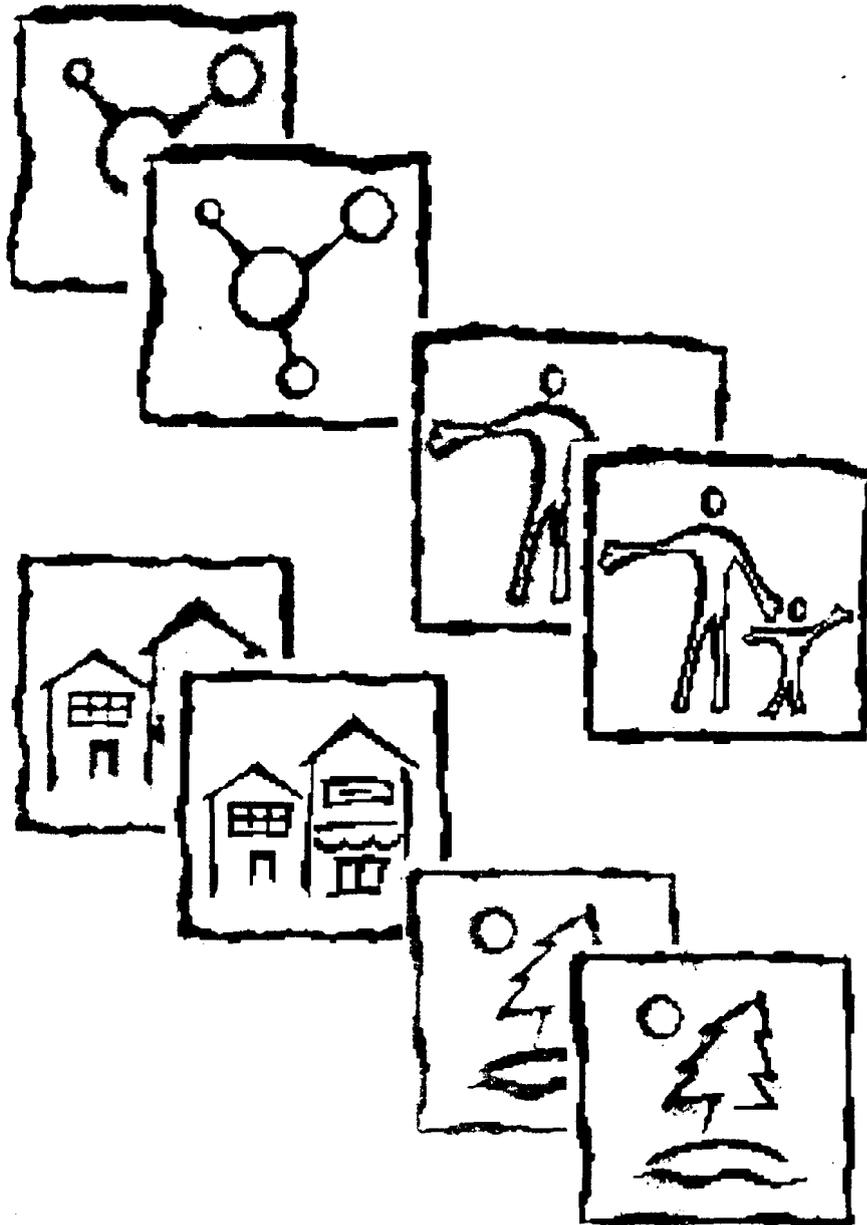
HPV Challenge Program Chemical List





Chemical Right to Know

HPV Challenge Program Chemical List



HPV Challenge Program Chemical List

The U.S. high production volume (HPV) chemicals are those which are manufactured in or imported into the United States in amounts equal to or greater than one million pounds per year. The U.S. HPV chemicals were identified through information collected under the Toxic Substances Control Act (TSCA) Inventory Update Rule (IUR). Organic chemicals that are manufactured in, or imported into, the United States in amounts equal to or exceeding 10,000 pounds per year are subject to reporting under the TSCA IUR. Reporting is required every four years.

The *HPV Challenge Program Chemical List* consists of all the HPV chemicals reported during the 1990 IUR reporting year, with the exception of 70 inorganic chemicals and 79 polymers. Inorganic chemicals and polymers, except in special circumstances, were not subject to the IUR reporting requirements and most were reported in error. The *HPV Challenge Program Chemical List* contains 2,782 chemicals.

The 1990 IUR list was selected as the starting point for this program. As subsequent reporting years identify additional chemicals (including inorganics, once the corresponding reporting requirements have been added under the IUR), they will be posted here for information purposes. EPA expects that, over time, the testing of new HPV chemicals will become routine, and companies are invited to adopt and commit to testing new HPV chemicals as they appear.

In keeping with that eventual goal, EPA is posting the *1994 IUR List of HPV Additions*, which contains an additional 495 organic HPV chemicals which were newly reported as HPV in the 1994 IUR and are thus not part of the *HPV Challenge Program Chemical List*. This list is being provided particularly for use by companies who desire to propose categories of chemicals for testing and wish to include chemicals from the 1994 list in their category definitions.

Each HPV chemical list is provided in database format. The database tables contain one record per chemical. Each record contains three fields. The first field (CASNO) contains the Chemical Abstract Services registry number, which is a unique identification number assigned to a chemical. The second field (INDICATOR) is an indicator variable that, if marked, signifies one of two possible reasons that the chemical is being exempted from the *HPV Challenge Program*. The possible values for the indicator and their corresponding exemption reasons are:

- 1 = Chemical is not considered a candidate for testing under the *HPV Challenge Program*, based on preliminary EPA review indicating that testing using the SIDS base set would not further our understanding of the chemical's properties, or
- 2 = Chemical is otherwise being handled under the Organisation for Economic Co-operation and Development (OECD) Screening Information Data Set (SIDS) Program.

In the 1990 database, 41 chemicals have an indicator of 1, and 269 have an indicator of 2. No chemicals have an indicator of 1 in the 1994 database, while 7 chemicals have an indicator of 2. Finally, the name of the chemical is found in the last field (CHEMICAL).

HPV Challenge Program

Chemical List

1990 IUR*

* based on the 1990 TRI Inventory Update Rule (IUR)

Table 1. HPV Challenge Program Chemical List (1990 IUR)

CAS Number	Indicator	Chemical
50000		Formaldehyde
50215		Lactic acid
50704	1	Glucitol, D-
50817	2	L-Ascorbic acid
50997	1	D-Glucose
51285		Phenol, 2,4-dinitro-
51661		p-Acetanisidide
54217		Sodium salicylate
55630		Nitroglycerin
56235		Carbon tetrachloride
56359		Bis(tributyltin) oxide
56406		Glycine
56815	1	Glycerol
56939		Ammonium, benzyltrimethyl-, chloride
57103		Palmitic acid
57114		Stearic acid
57136	2	Urea
57501	1	Sucrose
57556	2	1,2-Propanediol
58082		Caffeine
59029		2H-1-Benzopyran-6-ol, 3,4-dihydro-2,5,7,8-tetramethyl-2-(4,8,12-trimethyltridec
59676	2	Nicotinic acid
60004	2	Acetic acid, (ethylenedinitrilo)tetra-
60128		Phenethyl alcohol
60242		Ethanol, 2-mercapto-
60297		Ether
60333		Linoleic acid
62237		Benzoic acid, p-nitro-
62533	2	Aniline
62544		Calcium acetate
62566		Urea, thio-
64028	2	Acetic acid, (ethylenedinitrilo)tetra-, tetrasodium salt

CAS Number	Indicator*	Chemical
64175		Ethyl alcohol
64186		Formic acid
64197		Acetic acid
64675		Sulfuric acid, diethyl ester
65850		Benzoic acid
67481		Choline, chloride
67561		Methanol
67630	2	Isopropyl alcohol
67641	2	Methyl ketone
67663	2	Chloroform
67685		Methyl sulfoxide
67721		Ethane, hexachloro-
68042		Citric acid, trisodium salt
68111		Acetic acid, mercapto-
68122		Formamide, N,N-dimethyl-
68360		p-Xylene, .alpha.,.alpha.,.alpha.,.alpha.',.alpha.',.alpha.'-hexachloro-
69658	1	Mannitol, D-
69727		Salicylic acid
71238	2	Propyl alcohol
71363	2	Butyl alcohol
71410		1-Pentanol
71432	2	Benzene
71487		Acetic acid, cobalt(2+) salt
71556		Ethane, 1,1,1-trichloro
74828		Methane
74839	2	Methane, bromo-
74840		Ethane
74851	2	Ethylene
74862		Ethyne
74873		Methane, chloro-
74895		Methylamine
74931		Methanethiol
74953		Methane, dibromo-
74964		Ethane, bromo-
74975		Methane, bromochloro-

CAS Number	Indicator*	Chemical
74986		Propane
74997		Propyne
75003		Ethane, chloro-
75014		Ethylene, chloro-
75025		Ethylene, fluoro-
75047		Ethylamine
75058	2	Acetonitrile
75070	2	Acetaldehyde
75081		Ethanethiol
75092		Methane, dichloro-
75127		Formamide
75150	2	Carbon disulfide
75183		Methyl sulfide
75207		Calcium carbide, (CaC ₂)
75218	2	Ethylene oxide
75285		Propane, 2-methyl-
75310		2-Propanamine
75343		Ethane, 1,1-dichloro-
75354		Ethylene, 1,1-dichloro-
75365		Acetyl chloride
75376		Ethane, 1,1-difluoro-
75387		Ethylene, 1,1-difluoro-
75445		Phosgene
75456	2	Methane, chlorodifluoro-
75467		Methane, trifluoro-
75503		Trimethylamine
75525		Methane, nitro-
75547	2	Silane, dichloromethyl-
75569	2	Oxirane, methyl-
75638		Methane, bromotrifluoro-
75649		2-Propanamine, 2-methyl-
75650		tert-Butyl alcohol
75661		2-Propanethiol, 2-methyl-
75683		Ethane, 1-chloro-1,1-difluoro-
75694		Methane, trichlorofluoro-

CAS Number	Indicator*	Chemical
75718		Methane, dichlorodifluoro-
75752		Methanesulfonic acid
75763		Silane, tetramethyl-
75774	2	Silane, chlorotrimethyl-
75785	2	Silane, dichlorodimethyl-
75796	2	Silane, trichloromethyl-
75865	2	Lactonitrile, 2-methyl-
75876		Chloral
75912	2	tert-Butyl hydroperoxide
75945		Silane, trichlorovinyl-
75978		2-Butanone, 3,3-dimethyl-
75989		Propanoic acid, 2,2-dimethyl-
76131		Ethane, 1,1,2-trichloro-1,2,2-trifluoro-
76142		Ethane, 1,2-dichlorotetrafluoro-
76153		Ethane, chloropentafluoro-
76391		1-Propanol, 2-methyl-2-nitro-
76879		Triphenyltin hydroxide
77474		1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-
77714		Hydantoin, 5,5-dimethyl-
77736	2	4,7-Methanoindene, 3a,4,7,7a-tetrahydro-
77769		Propane, 2,2-dimethoxy-
77781	2	Sulfuric acid, dimethyl ester
77792		Thiophene, 2,5-dihydro-, 1,1-dioxide
77850	2	1,3-Propanediol, 2-(hydroxymethyl)-2-methyl-
77861		1,3-Propanediol, 2-amino-2-(hydroxymethyl)-
77907		Citric acid, tributyl ester, acetate
77929		Citric acid
77996	2	1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-
78002		Plumbane, tetraethyl-
78104		Silicic acid, (H ₄ SiO ₄), tetraethyl ester
78115		Pentaerythritol, tetranitrate
78400	2	Phosphoric acid, triethyl ester
78422		Phosphoric acid, tris(2-ethylhexyl) ester
78513		Ethanol, 2-butoxy-, phosphate (3:1)
78591		2-Cyclohexen-1-one, 3,5,5-trimethyl-

CAS Number	Indicator ²	Chemical
78637		Peroxide, (1,1,4,4-tetramethyltetramethylene)bisOtert-butyl
78671	2	Propionitrile, 2,2'-azobisO2-methyl-
78706		1,6-Octadien-3-ol, 3,7-dimethyl-
78784		Butane, 2-methyl-
78795		Isoprene
78820		Isobutyronitrile
78831	2	1-Propanol, 2-methyl-
78842	2	Isobutyraldehyde
78875		Propane, 1,2-dichloro-
78922		sec-Butyl alcohol
78933	2	2-Butanone
78955		2-Propanone, 1-chloro-
78966		2-Propanol, 1-amino-
78977	2	Lactonitrile
79005	2	Ethane, 1,1,2-trichloro-
79016	2	Ethylene, trichloro-
79049		Acetyl chloride, chloro-
79061	2	Acrylamide
79094		Propionic acid
79107	2	2-Propenoic acid
79118	2	Acetic acid, chloro-
79141		Glycolic acid
79209	2	Acetic acid, methyl ester
79210		Peroxyacetic acid
79221		Formic acid, chloro-, methyl ester
79243		Ethane, nitro-
79312		Isobutyric acid
79345		Ethane, 1,1,2,2-tetrachloro-
79367		Acetyl chloride, dichloro-
79389		Ethylene, chlorotrifluoro-
79414	2	Methacrylic acid
79469		Propane, 2-nitro-
79925	2	Camphene
79947		Phenol, 4,4'-isopropylidenebisO2,6-dibromo-
79969		Phenol, 4,4'-isopropylidenebisO2-tert-butyl-

CAS Number	Indicator*	Chemical
80057	2	Phenol, 4,4'-isopropylidenedi-
80079		Sulfone, bis(p-chlorophenyl)
80091		Phenol, 4,4'-sulfonyldi-
80104		Silane, dichlorodiphenyl-
80159		Hydroperoxide, .alpha.,.alpha.-dimethylbenzyl
80262		p-Menth-1-en-8-ol, acetate
80433		Peroxide, bis(.alpha.,.alpha.-dimethylbenzyl)
80466		Phenol, p-tert-pentyl-
80513		Benzenesulfonic acid, 4,4'-oxydi-, dihydrazide
80546		Hydrocinnamaldehyde, p-tert-butyl-.alpha.-methyl-
80568		2-Pinene
80626	2	Methacrylic acid methyl ester
81072		1,2-Benzisothiazolin-3-one, 1,1-dioxide
81163		1-Naphthalenesulfonic acid, 2-amino-
81845		Naphthalic anhydride
83410		Benzene, 1,2-dimethyl-3-nitro-
84617		Phthalic acid, dicyclohexyl ester
84651		9,10-Anthracenedione
84662		Phthalic acid, diethyl ester
84695		Phthalic acid, diisobutyl ester
84742	2	Phthalic acid, dibutyl ester
84775		Phthalic acid, didecyl ester
85405		4-Cyclohexene-1,2-dicarboximide
85416		Phthalimide
85427		1,2-Cyclohexanedicarboxylic anhydride
85438		4-Cyclohexene-1,2-dicarboxylic anhydride
85449		Phthalic anhydride
85687	2	Phthalic acid, benzyl butyl ester
85698		Phthalic acid, butyl 2-ethylhexyl ester
87025		2-Naphthalenesulfonic acid, 7-amino-4-hydroxy-
87569		Mucochloric acid
87616		Benzene, 1,2,3-trichloro-
87901		s-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-trichloro-
88120	2	2-Pyrrolidinone, 1-ethenyl-
88186		Phenol, o-tert-butyl-

CAS Number	Indicator*	Chemical
88448		m-Toluenesulfonic acid, 6-amino-
88517		m-Toluenesulfonic acid, 6-amino-4-chloro-
88539		p-Toluenesulfonic acid, 2-amino-5-chloro-
88608		m-Cresol, 6-tert-butyl-
88686		Benzamide, o-amino-
88722	2	Toluene, o-nitro-
88733		Benzene, 1-chloro-2-nitro-
88744		Aniline, o-nitro-
88857		Phenol, 2-sec-butyl-4,6-dinitro-
89087		Phthalic acid, 4-sulfo-
89327		1H,3H-Benzo[1,2-c:4,5-c']imidofuran-1,3,5,7-tetrone
89656		D-erythro-Hex-2-enonic acid, gamma-lactone
89725		Phenol, o-sec-butyl-
89872		m-Xylene, 4-nitro-
90006		Phenol, o-ethyl-
90028	2	Salicylaldehyde
90040	2	o-Anisidine
90153		1-Naphthol
90164		1,2,3-Benzotriazin-4(3H)-one
90302		1-Naphthylamine, N-phenyl-
90437		2-Biphenylol
90517		2-Naphthalenesulfonic acid, 6-amino-4-hydroxy-
90722		Phenol, 2,4,6-tris(dimethylamino)methyl-p-
90802		Gluconic acid, delta-lactone, D-
91087		Isocyanic acid, 2-methyl-m-phenylene ester
91203	2	Naphthalene
91532		Quinoline, 6-ethoxy-1,2-dihydro-2,2,4-trimethyl-
91645		Coumarin
91667		Aniline, N,N-diethyl-
91689		Phenol, m-(diethylamino)-
91769		s-Triazine, 2,4-diamino-6-phenyl-
92002		Ethanol, 2,2'-O(m-chlorophenyl)imino-pdi-
92159		o-Acetoacetanisidide
92524		Biphenyl
92706	2	2-Naphthoic acid, 3-hydroxy-

CAS Number	Indicator	Chemical
93583		Benzoic acid, methyl ester
93685		o-Acetoacetotoluidide
93834		Oleamide, N,N-bis(2-hydroxyethyl)-
94280		Hexanoic acid, 2-ethyl-, diester with triethylene glycol
94360		Benzoyl peroxide
94600		1,4-Cyclohexanedicarboxylic acid, dimethyl ester
94746		Acetic acid, O(4-chloro-o-tolyl)oxy@p-
94757		Acetic acid, (2,4-dichlorophenoxy)-
94962		1,3-Hexanediol, 2-ethyl-
95147		1H-Benzotriazole
95294		2-Benzothiazolesulfenamide, N,N-diisopropyl-
95318	2	2-Benzothiazolesulfenamide, N-tert-butyl-
95329		Benzothiazole, 2-(morpholinodithio)-
95330	2	2-Benzothiazolesulfenamide, N-cyclohexyl-
95476		Benzene, 1,2-dimethyl-
95487	2	o-Cresol
95498		Toluene, o-chloro-
95501		Benzene, o-dichloro-
95512		Aniline, o-chloro-
95534		o-Toluidine
95545	2	o-Phenylenediamine
95556		Phenol, o-amino-
95636		Benzene, 1,2,4-trimethyl-
95658		3,4-Xylenol
95749		p-Toluidine, 3-chloro-
95761	2	Aniline, 3,4-dichloro-
95807	2	Toluene-2,4-diamine
95874		2,5-Xylenol
95943		Benzene, 1,2,4,5-tetrachloro-
96059		Methacrylic acid, allyl ester
96093		Benzene, (epoxyethyl)-
96106		Aluminum, chlorodiethyl-
96184		Propane, 1,2,3-trichloro-
96220		3-Pentanone
96231		2-Propanol, 1,3-dichloro-

CAS Number	Indicator*	Chemical
96297	2	2-Butanone, oxime
96311		Urea, 1,3-dimethyl-
96333		Acrylic acid methyl ester
96480		2(3H)-Furanone, dihydro-
96491		1,3-Dioxolan-2-one
96695		m-Cresol, 4,4'-thiobis(6-tert-butyl-
96764		Phenol, 2,4-di-tert-butyl-
97007		Benzene, 1-chloro-2,4-dinitro-
97029		Aniline, 2,4-dinitro-
97303		Glucopyranoside, methyl, .alpha.-D-
97392		Guanidine, 1,3-di-o-tolyl-
97632		Methacrylic acid, ethyl ester
97654	2	Succinic acid, methylene-
97723		Isobutyric anhydride
97745		Sulfide, bis(dimethylthiocarbamoyl)
97778		Disulfide, bis(diethylthiocarbamoyl)
97858		Isobutyric acid, isobutyl ester
97869		Methacrylic acid, isobutyl ester
97881	2	Methacrylic acid, butyl ester
97905		Methacrylic acid, ethylene ester
97938		Aluminum, triethyl-
98011	2	2-Furaldehyde
98077		Toluene, .alpha.,.alpha.,.alpha.-trichloro-
98099		Benzenesulfonyl chloride
98113		Benzenesulfonic acid
98135		Silane, trichlorophenyl-
98168		m-Toluidine, .alpha.,.alpha.,.alpha.-trifluoro-
98522		Cyclohexanol, 4-tert-butyl-
98544	2	Phenol, p-tert-butyl-
98555		p-Menth-1-en-8-ol
98566	2	Toluene, p-chloro-.alpha.,.alpha.,.alpha.-trifluoro-
98828	2	Cumene
98839	2	Styrene, .alpha.-methyl-
98862	2	Acetophenone
98873		Toluene, .alpha.,.alpha.-dichloro-

CAS Number	Indicator*	Chemical
98884		Benzoyl chloride
98920		Nicotinamide
98942		Cyclohexylamine, N,N-dimethyl-
98953	2	Benzene, nitro-
99047		m-Toluic acid
99081		Toluene, m-nitro-
99309		Aniline, 2,6-dichloro-4-nitro-
99514		o-Xylene, 4-nitro-
99547		Benzene, 1,2-dichloro-4-nitro-
99627		Benzene, m-diisopropyl-
99638		Isophthaloyl chloride
99718		Phenol, p-sec-butyl-
99752		p-Toluic acid, methyl ester
99763		Benzoic acid, p-hydroxy-, methyl ester
99876		p-Cymene
99945		p-Toluic acid
99967	2	Benzoic acid, p-hydroxy-
99990		Toluene, p-nitro-
100005		Benzene, 1-chloro-4-nitro-
100016		Aniline, p-nitro-
100027		Phenol, p-nitro-
100185		Benzene, p-diisopropyl-
100209		Terephthaloyl chloride
100210	2	1,4-Benzenedicarboxylic acid
100298		Phenetole, p-nitro-
100378		Ethanol, 2-(diethylamino)-
100403		Cyclohexene, 4-vinyl-
100414	2	Benzene, ethyl-
100425	2	Styrene
100447	2	Toluene, .alpha.-chloro-
100505		3-Cyclohexene-1-carboxaldehyde
100516		Benzyl alcohol
100527	2	Benzaldehyde
100538		.alpha.-Toluenethiol
100549		Nicotinonitrile

CAS Number	Indicator*	Chemical
100641		Cyclohexanone, oxime
100696		Pyridine, 2-vinyl-
100709		Picolinonitrile
100970	2	1,3,5,7-Tetraazatricyclo[3.3.1.1 ^{3,7}]heptane
100992		Aluminum, triisobutyl-
101020		Phosphorous acid, triphenyl ester
101144		Aniline, 4,4'-methylenebis(2-chloro-
101202		Carbanilide, 3,4,4'-trichloro-
101348		Ricinolein, tri-, triacetate
101542		p-Phenylenediamine, N-phenyl-
101633		Ether, bis(p-nitrophenyl)
101677		Diphenylamine, 4,4'-diethyl-
101688	2	Isocyanic acid, methylenedi-p-phenylene ester
101724	2	p-Phenylenediamine, N-isopropyl-N'-phenyl-
101779	2	Aniline, 4,4'-methylenedi-
101804		Aniline, 4,4'-oxydi-
101837		Dicyclohexylamine
101848		Phenyl ether
101860		Cinnamaldehyde, .alpha.-hexyl-
101962		p-Phenylenediamine, N,N'-di-sec-butyl-
102012	2	Acetoacetanilide
102067		Guanidine, 1,3-diphenyl-
102272		m-Toluidine, N-ethyl-
102603		2-Propanol, 1,1',1'',1'''-(ethylenedinitrilo)tetra-
102716	2	Ethanol, 2,2',2''-nitrioltris-
102761	2	Acetin, tri-
102772		Benzothiazole, 2-(morpholiniothio)-
102829		Tributylamine
103093		Acetic acid, 2-ethylhexyl ester
103117	2	Acrylic acid, 2-ethylhexyl ester
103231	2	Adipic acid, bis(2-ethylhexyl) ester
103242		Azelaic acid, bis(2-ethylhexyl) ester
103344		Morpholine, 4,4'-dithiodi-
103695		Aniline, N-ethyl-
103764		1-Piperazineethanol

CAS Number	Indicator*	Chemical
104154		p-Toluenesulfonic acid
104381		Ethanol, 2,2'-(p-phenylenedioxy)di-
104438		Phenol, p-dodecyl-
104461		Anisole, p-propenyl-
104552		Cinnamaldehyde
104665		Ethane, 1,2-diphenoxy-
104756		Hexylamine, 2-ethyl-
104767	2	1-Hexanol, 2-ethyl-
104916		Phenol, p-nitroso-
104938		Anisole, p-methyl-
105055	2	Benzene, p-diethyl-
105088		1,4-Cyclohexanedimethanol
105168	2	Methacrylic acid, 2-(diethylamino)ethyl ester
105306		1-Pentanol, 2-methyl-
105395		Acetic acid, chloro-, ethyl ester
105453		Acetoacetic acid, methyl ester
105522		Maleic acid, bis(1,3-dimethylbutyl) ester
105566		Acetic acid, cyano-, ethyl ester
105599		Ethanol, 2,2'-(methylimino)di-
105602		2H-Azepin-2-one, hexahydro-
105624		Oleic acid, propylene ester
105646		Peroxydicarbonic acid, diisopropyl ester
105679		2,4-Xylenol
105760	2	Maleic acid, dibutyl ester
106149		Octadecanoic acid, 12-hydroxy-
106229		6-Octen-1-ol, 3,7-dimethyl-
106241		2,6-Octadien-1-ol, 3,7-dimethyl-, (E)-
106252		2,6-Octadien-1-ol, 3,7-dimethyl-, (Z)-
106310		Butyric anhydride
106423		p-Xylene
106434		Toluene, p-chloro-
106445		p-Cresol
106467	2	Benzene, p-dichloro-
106478		Aniline, p-chloro-
106490		p-Toluidine

CAS Number	Indicator*	Chemical
106503	2	p-Phenylenediamine
106638		Acrylic acid, isobutyl ester
106650		Succinic acid, dimethyl ester
106752		Formic acid, chloro-, oxydiethylene ester
106796		Sebacic acid, dimethyl ester
106887		Butane, 1,2-epoxy-
106898		Propane, 1-chloro-2,3-epoxy-
106923		Propane, 1-(allyloxy)-2,3-epoxy-
106934		Ethane, 1,2-dibromo-
106978		Butane
106989		1-Butene
106990	2	1,3-Butadiene
107017	2	2-Butene
107028	2	Acrolein
107039		1-Propanethiol
107051	2	Propene, 3-chloro-
107062		Ethane, 1,2-dichloro-
107120		Propionitrile
107131	2	Acrylonitrile
107153		Ethylenediamine
107164		Glycolonitrile
107186		2-Propen-1-ol
107197		2-Propyn-1-ol
107211	2	Glycol
107222	2	Glyoxal
107255		Ether, methyl vinyl
107299		Acetaldehyde, oxime
107302		Ether, chloromethyl methyl
107313		Formic acid, methyl ester
107391		1-Pentene, 2,4,4-trimethyl-
107404		2-Pentene, 2,4,4-trimethyl-
107415		2,4-Pentanediol, 2-methyl-
107459		Butylamine, 1,1,3,3-tetramethyl-
107460		Disiloxane, hexamethyl-
107562		Phosphorodithioic acid, O,O-diisopropyl ester

CAS Number	Indicator*	Chemical
107642	2	Dimethyldioctadecylammonium chloride
107879		2-Pentanone
107880		1,3-Butanediol
107926		Butyric acid
107960		Propionic acid, 3-mercapto-
107982	2	2-Propanol, 1-methoxy-
108010	2	Ethanol, 2-(dimethylamino)-
108032		Propane, 1-nitro-
108054	2	Acetic acid vinyl ester
108101	2	2-Pentanone, 4-methyl-
108112		2-Pentanol, 4-methyl-
108189		Diisopropylamine
108190		Imidodicarbonic diamide
108203		Isopropyl ether
108214		Acetic acid, isopropyl ester
108236		Formic acid, chloro-, isopropyl ester
108247	2	Acetic anhydride
108316		Maleic anhydride
108327		Carbonic acid, cyclic propylene ester
108383		m-Xylene
108394		Phenol, 3-methyl-
108441	2	Benzenamine, 3-methyl-
108452	2	1,3-Benzenediamine
108463		1,3-Benzenediol
108634		Adipic acid, bis(1-methylheptyl) ester
108656	2	2-Propanol, 1-methoxy-, acetate
108678		Mesitylene
108689		3,5-Xylenol
108770	2	s-Triazine, 2,4,6-trichloro-
108781	2	1,3,5-Triazine-2,4,6-triamine
108805	2	1,3,5-Triazine-2,4,6(1H,3H,5H)-trione
108827		4-Heptanol, 2,6-dimethyl-
108838	2	4-Heptanone, 2,6-dimethyl-
108883	2	Toluene
108894		4-Picoline

CAS Number	Indicator*	Chemical
108907		Benzene, chloro-
108918		Cyclohexylamine
108930		Cyclohexanol
108941	2	Cyclohexanone
108952	2	Phenol
108985		Benzenethiol
108996		3-Picoline
109068		2-Picoline
109091		Pyridine, 2-chloro-
109524		Pentanoic acid
109557	2	1,3-Propanediamine, N,N-dimethyl-
109604		Acetic acid, propyl ester
109660	2	Pentane
109671		1-Pentene
109693	2	Butane, 1-chloro-
109728		Lithium, butyl-
109739		Butylamine
109740		Butanenitrile
109795		1-Butanethiol
109831		Ethanol, 2-(methylamino)-
109864	2	Ethanol, 2-methoxy-
109875		Methane, dimethoxy-
109897		Diethylamine
109999	2	Furan, tetrahydro-
110032		2,5-Hexanediol, 2,5-dimethyl-
110054		tert-Butyl peroxide
110123		2-Hexanone, 5-methyl-
110156		Succinic acid
110167		Maleic acid
110178		Fumaric acid
110189		Ethylenediamine, N,N,N',N'-tetramethyl-
110190		Acetic acid, isobutyl ester
110270	2	Myristic acid, isopropyl ester
110292		Adipic acid, decyl octyl ester
110305		Octadecanamide, N,N'-ethylenebis-

CAS Number	Indicator*	Chemical
110338		Adipic acid, dihexyl ester
110429		Decanoic acid, methyl ester
110430		2-Heptanone
110441		Sorbic acid
110543		Hexane
110576		2-Butene, 1,4-dichloro-, (E)-
110623		Valeraldehyde
110634	2	1,4-Butanediol
110645		2-Butene-1,4-diol
110656	2	2-Butyne-1,4-diol
110678		Propanenitrile, 3-methoxy-
110714		Ethane, 1,2-dimethoxy-
110805	2	Ethanol, 2-ethoxy-
110827	2	Cyclohexane
110850	2	Piperazine
110861		Pyridine
110883		s-Trioxane
110894		Piperidine
110918		Morpholine
110941		Glutaric acid
110963		Diisobutylamine
110974		2-Propanol, 1,1'-iminodi-
110985		2-Propanol, 1,1'-oxydi-
111115		Octanoic acid, methyl ester
111148		Heptanoic acid
111159	2	Ethanol, 2-ethoxy-, acetate
111206		Sebacic acid
111217		Triethylene glycol, diacetate
111262		Hexylamine
111273		Hexyl alcohol
111308	2	Pentanedial
111364		Butane, 1-isocyanato-
111400	2	Diethylenetriamine
111411		Ethanol, 2-O(2-aminoethyl)amino@p-
111422	2	Ethanol, 2,2'-iminodi-

CAS Number	Indicator*	Chemical
111444		Ether, bis(2-chloroethyl)
111466	2	Ethanol, 2,2'-oxybis-
111488		Ethanol, 2,2'-thiodi-
111499		1H-Azepine, hexahydro-
111557		Ethylene glycol, diacetate
111604		Stearic acid, 2-hydroxyethyl ester
111659		Octane
111660	2	1-Octene
111693	2	Adiponitrile
111717		Heptanal
111762	2	Ethanol, 2-butoxy-
111773	2	Ethanol, 2-(2-methoxyethoxy)-
111784		1,5-Cyclooctadiene
111820	2	Lauric acid, methyl ester
111842		Nonane
111853		Octane, 1-chloro-
111864		Octylamine
111875		Octyl alcohol
111886		1-Octanethiol
111900		Ethanol, 2-(2-ethoxyethoxy)-
111911		Methane, bis(2-chloroethoxy)-
111922		Dibutylamine
111966		Ether, bis(2-methoxyethyl)
111977		Propionitrile, 3,3'-thiodi-
112005		Ammonium, dodecyltrimethyl-, chloride
112027		Ammonium, hexadecyltrimethyl-, chloride
112038		Trimethyloctadecylammonium chloride
112050		Nonanoic acid
112072		Ethanol, 2-butoxy-, acetate
112152		Ethanol, 2-(2-ethoxyethoxy)-, acetate
112185	2	Dodecylamine, N,N-dimethyl-
112243	2	Triethylenetetramine
112254		Ethanol, 2-(hexyloxy)-
112276		Triethylene glycol
112301		1-Decanol

CAS Number	Indicator*	Chemical
112345	2	Ethanol, 2-(2-butoxyethoxy)-
112356	2	Ethanol, 2-O2-(2-methoxyethoxy)ethoxy@p-
112403		Dodecane
112414	2	1-Dodecene
112425		Undecyl alcohol
112505	2	Ethanol, 2-O2-(2-ethoxyethoxy)ethoxy@p-
112527		Dodecane, 1-chloro-
112538	2	Dodecyl alcohol
112550		Dodecyl mercaptan
112572		Tetraethylenepentamine
112594		Ethanol, 2-O2-(hexyloxy)ethoxy@p-
112607		Tetraethylene glycol
112629		Oleic acid, methyl ester
112696		Hexadecylamine, N,N-dimethyl-
112709		1-Tridecanol
112721		Tetradecanol
112754		Tetradecylamine, N,N-dimethyl-
112801		Oleic acid
112845		Erucamide
112856	2	Docosanoic acid
112867		13-Docosenoic acid, (Z)-
112889		1-Octadecene
112903		9-Octadecenylamine, (Z)-
112914		Oleonitrile
112925	2	1-Octadecanol
115071		1-Propene
115106		Dimethyl ether
115117	2	Propene, 2-methyl-
115195	2	3-Butyn-2-ol, 2-methyl-
115219		Silane, trichloroethyl-
115275		5-Norbornene-2,3-dicarboxylic anhydride, 1,4,5,6,7,7-hexachloro-
115286		5-Norbornene-2,3-dicarboxylic acid, 1,4,5,6,7,7-hexachloro-
115775	2	Pentaerythritol
115833		Stearic acid, neopentantetrayl ester
115866		Phosphoric acid, triphenyl ester

CAS Number	Indicator*	Chemical
115957	2	1,6-Octadien-3-ol, 3,7-dimethyl-, acetate
115968	2	Ethanol, 2-chloro-, phosphate (3:1)
116143		Ethylene, tetrafluoro-
116154	2	Propene, hexafluoro-
116530		Butyric acid, 2-methyl-
117088		Phthalic anhydride, tetrachloro-
117817	2	Phthalic acid, bis(2-ethylhexyl) ester
117840		Phthalic acid, dioctyl ester
118296		Phthalimide, N-(hydroxymethyl)-
118489		2H-3,1-Benzoxazine-2,4(1H)-dione
118581		Salicylic acid, benzyl ester
118796		Phenol, 2,4,6-tribromo-
118821		Phenol, 4,4'-methylenebisO2,6-di-tert-butyl-
118901		o-Toluic acid
119062	2	Phthalic acid, ditridecyl ester
119335		p-Cresol, 2-nitro-
119368		Salicylic acid, methyl ester
119471		p-Cresol, 2,2'-methylenebisO6-tert-butyl-
119619		Benzophenone
119642		Naphthalene, 1,2,3,4-tetrahydro-
120401		Dodecanamide, N,N-bis(2-hydroxyethyl)-
120558		Diethylene glycol, dibenzoate
120616	2	Terephthalic acid, dimethyl ester
120718		o-Anisidine, 5-methyl-
120785	2	Benzothiazole, 2,2'-dithiobis-
120809		Pyrocatechol
120821	2	Benzene, 1,2,4-trichloro-
120832		Phenol, 2,4-dichloro-
120956		Phenol, 2,4-di-tert-pentyl-
121039	2	o-Toluenesulfonic acid, 5-nitro-
121142	2	Toluene, 2,4-dinitro-
121335	2	Vanillin
121448		Triethylamine
121459		Phosphorous acid, trimethyl ester
121573		Sulfanilic acid

CAS Number	Indicator*	Chemical
121608		Sulfanilyl chloride, N-acetyl-
121697	2	Aniline, N,N-dimethyl-
121824		s-Triazine, hexahydro-1,3,5-trinitro-
121868		Toluene, 2-chloro-4-nitro-
121915		Isophthalic acid
122190		Ammonium, benzyldimethyloctadecyl-, chloride
122203		2-Propanol, 1,1',1''-nitrilotri-
122327		Olein, tri-
122349		s-Triazine, 2-chloro-4,6-bis(ethylamino)-
122394	2	Diphenylamine
122521		Phosphorous acid, triethyl ester
122623		Sebacic acid, bis(2-ethylhexyl) ester
122996		Ethanol, 2-phenoxy-
123013	2	Benzene, dodecyl-
123057		Hexanal, 2-ethyl-
123079		Phenol, p-ethyl-
123115		p-Anisaldehyde
123182		4-Nonanone, 2,6,8-trimethyl-
123284		Propionic acid, 3,3'-thiodi-, didodecyl ester
123308	2	Phenol, p-amino-
123319	2	Hydroquinone
123353		1,6-Octadiene, 7-methyl-3-methylene-
123386	2	Propionaldehyde
123397		Formamide, N-methyl-
123422	2	2-Pentanone, 4-hydroxy-4-methyl-
123546		2,4-Pentanedione
123626		Propanoic acid, anhydride
123728	2	Butyraldehyde
123773	2	Formamide, 1,1'-azobis-
123795		Adipic acid, dioctyl ester
123864	2	Acetic acid, butyl ester
123911	2	p-Dioxane
123955		Stearic acid, butyl ester
123966		2-Octanol
123999		Azelaic acid

CAS Number	Indicator*	Chemical
124049		Adipic acid
124072		Octanoic acid
124094	2	1,6-Hexanediamine
124107		Myristic acid, methyl ester
124130		Octanal
124174		Ethanol, 2-(2-butoxyethoxy)-, acetate
124185	2	Decane
124196		Nonanal
124221		Dodecylamine
124265		Stearamide
124287		Octadecylamine, N,N-dimethyl-
124301		Octadecylamine
124389	1	Carbon dioxide
124403		Dimethylamine
124414		Sodium methoxide
124630		Methanesulfonyl chloride
124685		1-Propanol, 2-amino-2-methyl-
124709		Silane, dichloromethylvinyl-
126114		1,3-Propanediol, 2-(hydroxymethyl)-2-nitro-
126136		Sucrose, diacetate hexaisobutyrate
126307	2	1,3-Propanediol, 2,2-dimethyl-
126330		Thiophene, tetrahydro-, 1,1-dioxide
126578		Nonanoic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol
126589	2	Dipentaerythritol
126738	2	Phosphoric acid tributyl ester
126863		5-Decyne-4,7-diol, 2,4,7,9-tetramethyl-
126998	2	1,3-Butadiene, 2-chloro-
127082		Potassium acetate
127093		Sodium acetate
127184	2	Ethylene, tetrachloro-
127195	2	Acetamide, N,N-dimethyl-
127515		3-Buten-2-one, 3-methyl-4-(2,6,6-trimethyl-2-cyclohexen-1-yl)-
127684		Benzenesulfonic acid, m-nitro-, sodium salt
127913		2(10)-Pinene
128041		Carbamic acid, dimethyldithio-, sodium salt

CAS Number	Indicator	Chemical
128370		p-Cresol, 2,6-di-tert-butyl-
128392	2	Phenol, 2,6-di-tert-butyl-
128449		1,2-Benzisothiazolin-3-one, 1,1-dioxide, sodium salt
131113		Phthalic acid, dimethyl ester
131179		Phthalic acid, diallyl ester
131566		Benzophenone, 2,4-dihydroxy-
131577		Benzophenone, 2-hydroxy-4-methoxy-
132274		2-Biphenylol, sodium salt
134203		Anthranilic acid, methyl ester
134623		m-Toluamide, N,N-diethyl-
135193		2-Naphthol
136232		Zinc, bis(dibutyldithiocarbamate)-
136516		Hexanoic acid, 2-ethyl-, calcium salt
136527		Hexanoic acid, 2-ethyl-, cobalt(2+) salt
136538		Hexanoic acid, 2-ethyl-, zinc salt
137166		Sarcosine, N-lauroyl-, sodium salt
137202		Taurine, N-methyl-N-oleoyl-, sodium salt
137268		Disulfide, bis(dimethylthiocarbamoyl)
137326		1-Butanol, 2-methyl-
137406		Propionic acid, sodium salt
138250		Isophthalic acid, 5-sulfo-, 1,3-dimethyl ester
139026		Sodium phenoxide
139333		Acetic acid, (ethylenedinitrilo)tetra-, disodium salt
139402		s-Triazine, 2-chloro-4,6-bis(isopropylamino)-
139899		Glycine, N-(carboxymethyl)-N'-(2-hydroxyethyl)-N,N'-ethylenedi-, trisodium salt
139968		Sulfuric acid, monododecyl ester, compd. with 2,2',2''-nitrilotriethanol (1:1)
140012		Glycine, N,N-bis(2-hydroxyethyl)aminoethyl-, pentasodium salt
140089		Ethanol, 2-chloro-, phosphite (3:1)
140114		Acetic acid, benzyl ester
140318		Piperazine, 1-(2-aminoethyl)-
140669	2	Phenol, p-(1,1,3,3-tetramethylbutyl)-
140670		Anisole, p-allyl-
140885		Acrylic acid ethyl ester
140932		Carbonic acid, dithio-, O-isopropyl ester, sodium salt

CAS Number	Indicator*	Chemical
141173		Adipic acid, bisO2-(2-butoxyethoxy)ethylⓅ ester
141231		Octadecanoic acid, 12-hydroxy-, methyl ester
141322		Acrylic acid butyl ester
141435	2	Ethanol, 2-amino-
141526		Ethyl alcohol, sodium salt
141537		Sodium formate
141786	2	Acetic acid ethyl ester
141979		Acetoacetic acid, ethyl ester
141980		Carbamic acid, ethylthio-, O-isopropyl ester
142165		Maleic acid, bis(2-ethylhexyl) ester
142223		Carbonic acid, oxydiethylene diallyl ester
142303		3-Hexyne-2,5-diol, 2,5-dimethyl-
142723		Magnesium acetate
142734		Acetic acid, iminodi-
142778		Oleic acid, butyl ester
142789		Dodecanamide, N-(2-hydroxyethyl)-
142825		Heptane
142847		Dipropylamine
142905		Methacrylic acid, dodecyl ester
142916		Palmitic acid, isopropyl ester
142961		Butyl ether
143077		Lauric acid
143180		Oleic acid, potassium salt
143226		Ethanol, 2-O2-(2-butoxyethoxy)ethoxyⓅp-
143237		Dihexylamine, 6,6'-diamino-
143271		Hexadecylamine
143282		9-Octadecen-1-ol, (Z)-
143293		Methane, bisO2-(2-butoxyethoxy)ethoxyⓅp-
144194		1,3-Pentanediol, 2,2,4-trimethyl-
144354		Phosphorous acid, cyclic neopentetetrayl diphenyl ester
144627		Oxalic acid
144796		Silane, chloromethyldiphenyl-
147148	2	Copper, Ophthalocyaninato(2-)Ⓟp-
147477		Quinoline, 1,2-dihydro-2,2,4-trimethyl-
149304		2(3H)-Benzothiazolethione

CAS Number	Indicator	Chemical
149440		Sodium formaldehydesulfoxylate
149575	2	Hexanoic acid, 2-ethyl-
149735		Orthoformic acid, trimethyl ester-
150505		Phosphorotrithious acid, tributyl ester
150765		Phenol, p-methoxy-
151213	2	Sulfuric acid monododecyl ester sodium salt
155044		2(3H)-Benzothiazolethione, zinc salt
156434	2	p-Phenetidine
156605		Ethylene, 1,2-dichloro-, (E)-
280579		1,4-Diazabicyclo[2.2.2]octane
287923		Cyclopentane
288880		s-Triazole
294622		Cyclododecane
298066		Phosphorodithioic acid, O,O-diethyl ester
298077		Phosphoric acid, bis(2-ethylhexyl) ester
298124		Glyoxylic acid
300925		Aluminum, hydroxybis(stearato)-
301020		Oleamide
301100		Hexanoic acid, 2-ethyl-, tin(2+) salt
306832		Ethane, 2,2-dichloro-1,1,1-trifluoro-
307357		1-Octanesulfonyl fluoride, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-
311897		Tributylamine, heptacosafuoro-
328847		Toluene, 3,4-dichloro-.alpha.,.alpha.,.alpha.-trifluoro-
329011		Isocyanic acid, .alpha.,.alpha.,.alpha.-trifluoro-m-tolyl ester
330541		Urea, 3-(3,4-dichlorophenyl)-1,1-dimethyl-
334485		Decanoic acid
352932		Ethyl sulfide
353593		Methane, bromochlorodifluoro-
354585		Ethane, 1,1,1-trichloro-2,2,2-trifluoro-
372098		Acetic acid, cyano-
374072		Ethane, 1,1-dichlorotetrafluoro-
393759		Toluene, 4-chloro-.alpha.,.alpha.,.alpha.-trifluoro-3,5-dinitro-
409029		Heptenone, methyl-
460004		Benzene, 1-bromo-4-fluoro-
461585	2	Guanidine, cyano-

CAS Number	Indicator*	Chemical
462066		Benzene, fluoro-
482893	2	O.DELTA.2,2'-Biindoline@p-3,3'-dione
496720		Toluene-3,4-diamine
501531		Formic acid, chloro-, benzyl ester
502443		2-Oxepanone
504609	2	1,3-Pentadiene
506514		1-Tetracosanol
506525		1-Hexacosanol
506592		Dimethylamine, hydrochloride
506934		Guanidine, mononitrate
513359		2-Butene, 2-methyl-
513746		Carbamic acid, dithio-, monoammonium salt
515402		Benzene, (2-chloro-1,1-dimethylethyl)-
526750		2,3-Xylenol
526954		Gluconic acid, D-
527071		Gluconic acid, monosodium salt, D-
527606		Mesitol
528290		o-Dinitrobenzene
528449		1,2,4-Benzenetricarboxylic acid
529339		1-Naphthol, 1,2,3,4-tetrahydro-
529340		1(2H)-Naphthalenone, 3,4-dihydro-
532321		Sodium benzoate
533744		2H-1,3,5-Thiadiazine-2-thione, tetrahydro-3,5-dimethyl-
534156		Ethane, 1,1-dimethoxy-
537008		Acetic acid, cerium(3+) salt
538238		Octanoin, tri-
538932		Benzene, isobutyl-
540841		Pentane, 2,2,4-trimethyl-
540976		Cyclohexasiloxane, dodecamethyl-
541026		Cyclopentasiloxane, decamethyl-
541059		Cyclotrisiloxane, hexamethyl-
541413		Formic acid, chloro-, ethyl ester
541731		Benzene, m-dichloro-
542109		1,1-Ethandiol, diacetate
542427		Palmitic acid, calcium salt

CAS Number	Indicator*	Chemical
542756		Propene, 1,3-dichloro-
542927		1,3-Cyclopentadiene
543395		7-Octen-2-ol, 2-methyl-6-methylene-
544172		Calcium formate
544638		Myristic acid
544763		Hexadecane
546689		Isopropyl alcohol, titanium(4+) salt
547648		Lactic acid, methyl ester
550447		Phthalimide, N-methyl-
552307		1,2,4-Benzenetricarboxylic acid, cyclic 1,2-anhydride
553264		4,4'-Bipyridine
554121		Propionic acid, methyl ester
555317		2-Propanol, aluminum salt
555759		Aluminum ethoxide
556616		Methane, isothiocyanato-
556672	2	Cyclotetrasiloxane, octamethyl-
556821		2-Buten-1-ol, 3-methyl-
556887		Guanidine, nitro-
557040		Magnesium stearate
557051	2	Stearic acid, zinc salt
557619		1-Octacosanol
558372		1-Butene, 3,3-dimethyl-
563439		Aluminum, dichloroethyl-
563473		Propene, 3-chloro-2-methyl-
563724		Oxalic acid, calcium salt (1:1)
563804		2-Butanone, 3-methyl-
576261	2	2,6-Xylenol
577117		Succinic acid, sulfo-, 1,4-bis(2-ethylhexyl) ester, sodium salt
579668		Aniline, 2,6-diethyl-
582252		Potassium benzoate
583788		Phenol, 2,5-dichloro-
584849		Isocyanic acid, 4-methyl-m-phenylene ester
586629		p-Mentha-1,4(8)-diene
590012		Propionic acid, butyl ester
590181		2-Butene, (Z)-

CAS Number	Indicator*	Chemical
590192		1,2-Butadiene
592416	2	1-Hexene
592450		1,4-Hexadiene
592518		4-Pentenenitrile
593817		Trimethylamine, hydrochloride
594423		Methanesulfonyl chloride, trichloro-
597319		Hydracrylaldehyde, 2,2-dimethyl-
598561		Ethylamine, N,N-dimethyl-
598721		Propionic acid, 2-bromo-
598981		Pivalic acid, methyl ester
599644		Phenol, p-(.alpha.,.alpha.-dimethylbenzyl)-
602017		Toluene, 2,3-dinitro-
603350		Phosphine, triphenyl-
606202		Toluene, 2,6-dinitro-
609938		p-Cresol, 2,6-dinitro-
610399		Toluene, 3,4-dinitro-
611198		Toluene, o,.alpha.-dichloro-
612839		Benzidine, 3,3'-dichloro-, dihydrochloride
614459		Peroxybenzoic acid, tert-butyl ester
616217		Butane, 1,2-dichloro-
616239		1-Propanol, 2,3-dichloro-
616455		2-Pyrrolidinone
617947		Benzyl alcohol, .alpha.,.alpha.-dimethyl-
619158		Toluene, 2,5-dinitro-
619669		Terephthalaldehydic acid
620177		Phenol, m-ethyl-
620224		Benzonitrile, 3-methyl-
622979		Styrene, p-methyl-
623916	2	Fumaric acid, diethyl ester
624419		1-Butanol, 2-methyl-, acetate
624646		2-Butene, (E)-
624839		Isocyanic acid, methyl ester
624920		Methyl disulfide
625558		Formic acid, isopropyl ester
626175		Isophthalonitrile

CAS Number	Indicator	Chemical
627838		Stearic acid, ethylene ester
627930		Adipic acid, dimethyl ester
628137		Pyridine, hydrochloride
628637	2	Acetic acid, pentyl ester
628966		Ethylene nitrate
629118	2	1,6-Hexanediol
629505		Tridecane
629594	2	Tetradecane
629629		Pentadecane
629732		1-Hexadecene
629765		1-Pentadecanol
629798		Palmitonitrile
629969		1-Eicosanol
630080		Carbon monoxide
630206		Ethane, 1,1,1,2-tetrachloro-
632791		Phthalic anhydride, tetrabromo-
634662		Benzene, 1,2,3,4-tetrachloro-
636533		Isophthalic acid, diethyl ester
637127		Aluminum stearate
638380		Acetic acid, manganese(2+) salt
638653		Stearonitrile
643389		2,3-Quinolinedecarboxylic acid
644973		Phosphonous dichloride, phenyl-
645625		2-Hexenal, 2-ethyl-
646060		Dioxolane
646139		Stearic acid, isobutyl ester
661198		1-Docosanol
669909		D-arabino-Hexulosonic acid
673847		2,4,6-Octatriene, 2,6-dimethyl-
674828		3-Butenoic acid, 3-hydroxy-, .beta.-lactone
675627		Silane, dichloromethyl(3,3,3-trifluoropropyl)-
681845		Methyl silicate, ((MeO)4Si)
683181		Dibutyltin dichloride
688846	2	Methacrylic acid, 2-ethylhexyl ester
689112		Urea, sec-butyl-

CAS Number	Indicator*	Chemical
693072		Sulfide, 2-chloroethyl ethyl
693210		Diethylene glycol, dinitrate
693232	2	Dodecanedioic acid
693334		Ammonium, (carboxymethyl)hexadecyldimethyl-, hydroxide, inner salt
693367		Propionic acid, 3,3'-thiodi-, dioctadecyl ester
693958		Thiazole, 4-methyl-
694837		1,2-Cyclohexanediamine
719324		Terephthaloyl chloride, tetrachloro-
732263		Phenol, 2,4,6-tri-tert-butyl-
753731		Stannane, dichlorodimethyl-
756796		Phosphonic acid, methyl-, dimethyl ester
756809		Phosphorodithioic acid, O,O-dimethyl ester
760236	2	1-Butene, 3,4-dichloro-
760678		Hexanoyl chloride, 2-ethyl-
763699		Propionic acid, 3-ethoxy-, ethyl ester
764410		2-Butene, 1,4-dichloro-
768525		Aniline, N-isopropyl-
770354		2-Propanol, 1-phenoxy-
793248		p-Phenylenediamine, N-(1,3-dimethylbutyl)-N'-phenyl-
815178		Butyric acid, 3,3-dimethyl-2-oxo-
818086		Dibutyltin oxide
818611		Acrylic acid, 2-hydroxyethyl ester
822060		Isocyanic acid, hexamethylene ester
822162		Stearic acid, sodium salt
823405		Toluene-2,6-diamine
824782		Phenol, p-nitro-, sodium salt
825901		Benzenesulfonic acid, p-hydroxy-, monosodium salt
830137		Cyclododecanone
836306	2	Diphenylamine, 4-nitro-
839907		s-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(2-hydroxyethyl)-
866842		Citric acid, tripotassium salt
868779	2	Methacrylic acid, 2-hydroxyethyl ester
868859		Phosphonic acid, dimethyl ester
870724		Methanesulfonic acid, hydroxy-, monosodium salt
872059	2	1-Decene

CAS Number	Indicator*	Chemical
872504		2-Pyrrolidinone, 1-methyl-
882337		Phenyl disulfide
918047		Ethanesulfonic acid, 1-hydroxy-, monosodium salt
919302		Propylamine, 3-(triethoxysilyl)-
919313		Propionitrile, 3-(triethoxysilyl)-
923024		Acrylamide, N-(hydroxymethyl)-2-methyl-
924425		Acrylamide, N-(hydroxymethyl)-
925213		Maleic acid, monobutyl ester
926578		2-Butene, 1,3-dichloro-
927071		Peroxy-pivalic acid, tert-butyl ester
928723		Acetic acid, iminodi-, disodium salt
929066		Ethanol, 2-(2-aminoethoxy)-
930698		Benzenethiol, sodium salt
939979		Benzaldehyde, p-tert-butyl-
947046		Azacyclotridecan-2-one
960714		Borane, triphenyl-
993168		Stannane, trichloromethyl-
993431		Phosphonothioic dichloride, ethyl-
994365		Citric acid, sodium salt
999973		Silanamine, 1,1,1-trimethyl-N-(trimethylsilyl)-
1000824		Urea, (hydroxymethyl)-
1002626		Decanoic acid, sodium salt
1002693		Decane, 1-chloro-
1002897		Stearic acid, ammonium salt
1047161		Quinolin-2,3-dione, 5,12-dihydro-
1066359		Silane, chlorodimethyl-
1067534		Silane, tris(2-methoxyethoxy)vinyl-
1070004		Aluminum, trioctyl-
1074824		Phthalimide, potassium salt
1103384		C.I. Pigment Red 49, barium salt (2:1)
1111780		Ammonium carbamate
1115204		Hydracrylic acid, 2,2-dimethyl-, 3-hydroxy-2,2-dimethylpropyl ester
1116707		Aluminum, tributyl-
1116730		Aluminum, trihexyl-
1118929		Octanamide, N,N-dimethyl-

CAS Number	Indicator*	Chemical
1119400		Glutaric acid, dimethyl ester
1120214	2	Undecane
1120361	2	1-Tetradecene
1152610		Aspartic acid, N-carboxy-, N-benzyl ester, L-
1163195	2	Ether, bis(pentabromophenyl)
1185553		Silane, trimethoxymethyl-
1203174		Indan, 1,1,2,3,3-pentamethyl-
1217089		5-Indanethanol, .beta.,1,1,2,3,3-hexamethyl-
1222055		CyclopentaOg@p-2-benzopyran, 1,3,4,6,7,8-hexahydro-4,6,6,7,8,8-hexamethyl-
1241947		Phosphoric acid, 2-ethylhexyl diphenyl ester
1300716		Xylenol
1300727		Xylenesulfonic acid, sodium salt
1300738		Xylidine
1319773		Cresol
1321740	2	Benzene, divinyl-
1321944		Naphthalene, methyl-
1323393		Octadecanoic acid, monoester with 1,2-propanediol
1323655		Phenol, dinonyl-
1324761		C.I. Pigment Blue 61
1328536		C.I. Pigment Green 7
1330207		Xylene
1330616		Acrylic acid, isodecyl ester
1330785		Phosphoric acid, tritolyl ester
1330865		Adipic acid, diisooctyl ester
1333079		ar-Toluenesulfonamide
1333397		Benzenesulfonic acid, hydroxy-
1333864		Carbon black
1338029		Naphthenic acids, copper salts
1338234		2-Butanone, peroxide
1338245		Naphthenic acids
1338392		Sorbitan, monolaurate
1338416	2	Sorbitan, monostearate
1338438		Sorbitan, monooleate
1401554		Tannins

CAS Number	Indicator*	Chemical
1435718		p-Cresol, 2-O(o-nitrophenyl)azo@p-
1445450		Orthoacetic acid, trimethyl ester
1452159		4-Thiazolecarbonitrile
1459934		Isophthalic acid, dimethyl ester
1461229		Tributyltin chloride
1461252		Stannane, tetrabutyl-
1476115		2-Butene, 1,4-dichloro-, (Z)-
1497683		Phosphonochloridothioic acid, ethyl-, O-ethyl ester
1498517		Phosphorodichloridic acid, ethyl ester
1529573		Aluminum, tricicosyl-
1529584		Aluminum, tritetradecyl-
1529595		Aluminum, tridodecyl-
1558334		Silane, dichloro(chloromethyl)methyl-
1559348		3,6,9,12-Tetraoxahexadecan-1-ol
1562001		Ethanesulfonic acid, 2-hydroxy-, monosodium salt
1563388		7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-
1563662		Carbamic acid, methyl-, 2,3-dihydro-2,2-dimethyl-7-benzofuranyl ester
1569693		Cyclohexanethiol
1571080		Terephthalaldehydic acid, methyl ester
1572527		Glutaronitrile, 2-methylene-
1592230	1	Stearic acid, calcium salt
1634044	2	Ether, tert-butyl methyl
1643205		Dodecylamine, N,N-dimethyl-, N-oxide
1646759		Propionaldehyde, 2-methyl-2-(methylthio)-, oxime
1653196		1,3-Butadiene, 2,3-dichloro-
1675543	2	Propane, 2,2-bisOp-(2,3-epoxypropoxy)phenyl@p-
1679647		1,4-Benzenedicarboxylic acid, monomethyl ester
1691992		1-Octanesulfonamide, N-ethyl-1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-
1704627		Ethanol, 2-O2-(dimethylamino)ethoxy@p-
1709702		p-Cresol, .alpha.,.alpha.,.alpha.'-(2,4,6-trimethyl-s-phenenyl)trisO2,6-di-te
1724396		Cyclododecanol
1726654		Aluminum, trihexadecyl-
1726665		Aluminum, tris(decyl)-
1738256		Propionitrile, 3-(dimethylamino)-

CAS Number	Indicator*	Chemical
1760243		Ethylenediamine, N-O3-(trimethoxysilyl)propyl [Ⓟ] p-
1761713		Cyclohexylamine, 4,4'-methylenebis-
1779255		Aluminum, chlorodiisobutyl-
1779482		Phosphinic acid, phenyl-
1806264		Phenol, p-octyl-
1809194		Phosphonic acid, dibutyl ester
1817136		Pyridine, 3,6-dichloro-2-(trichloromethyl)-
1817738		Aniline, 2-bromo-4,6-dinitro-
1843056		Benzophenone, 2-hydroxy-4-(octyloxy)-
1847581		Acetic acid, sulfo-, 1-dodecyl ester, sodium salt
1852160		Acrylamide, N-(butoxymethyl)-
1854268	2	2-Imidazolidinone, 4,5-dihydroxy-1,3-bis(hydroxymethyl)-
1912249		s-Triazine, 2-chloro-4-(ethylamino)-6-(isopropylamino)-
1918021		Picolinic acid, 4-amino-3,5,6-trichloro-
1929824		Pyridine, 2-chloro-6-(trichloromethyl)-
1934210		C.I. Acid Yellow 23
1975786		Decanenitrile
1982690		o-Anisic acid, 3,6-dichloro-, sodium salt
1984061		Octanoic acid, sodium salt
1984583		Anisole, 2,5-dichloro-
2016571		Decylamine
2044646		Acetoacetamide, N,N-dimethyl-
2050922		Dipentylamine
2082793		Hydrocinnamic acid, 3,5-di-tert-butyl-4-hydroxy-, octadecyl ester
2152649		C.I. Solvent Blue 23, monohydrochloride
2176627		Pyridine, pentachloro-
2210799		Propane, 1,2-epoxy-3-(o-tolyloxy)-
2215352		Phosphorodithioic acid, O,O-bis(1,3-dimethylbutyl) ester, zinc salt
2231574		Carbonothioic dihydrazide
2235543		Sulfuric acid, monododecyl ester, ammonium salt
2244215		s-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, potassium salt
2372454		Butyl alcohol, sodium salt
2373388		Succinic acid, sulfo-, 1,4-bis(1,3-dimethylbutyl) ester, sodium salt
2386870		7-Oxabicyclo[4.1.0]heptane-3-carboxylic acid, 7-oxabicyclo[4.1.0]hept-3-ylmethy

CAS Number	Indicator*	Chemical
2402791	2	Pyridine, 2,3,5,6-tetrachloro-
2409554		p-Cresol, 2-tert-butyl-
2416946		Phenol, 2,3,6-trimethyl-
2420986		Hexanoic acid, 2-ethyl-, cadmium salt
2425549		Tetradecane, 1-chloro-
2426086		Propane, 1-butoxy-2,3-epoxy-
2429745		Direct Sky Blue
2431507	2	1-Butene, 2,3,4-trichloro-
2432997		Undecanoic acid, 11-amino-
2437232		Lauric acid, ammonium salt
2437254		Lauronitrile
2439352	2	Acrylic acid, 2-(dimethylamino)ethyl ester
2440224		p-Cresol, 2-(2H-benzotriazol-2-yl)-
2444908		Phenol, 4,4'-isopropylidenedi-, disodium salt
2451629	2	s-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(2,3-epoxypropyl)-
2487903		Silane, trimethoxy-
2492264		2(3H)-Benzothiazolethione, sodium salt
2494895		Ethanol, 2-sulfanilyl-, hydrogen sulfate (ester)
2495274		Methacrylic acid, hexadecyl ester
2524030	2	Phosphorochloridithioic acid, O,O-dimethyl ester
2524041	2	Phosphorochloridithioic acid, O,O-diethyl ester
2528361		Phosphoric acid, dibutyl phenyl ester
2530838		Silane, O3-(2,3-epoxypropoxy)propyl@primethoxy-
2530872		Silane, (3-chloropropyl)trimethoxy-
2549533		Methacrylic acid, tetradecyl ester
2550063		Silane, trichloro(3-chloropropyl)-
2611009		3-Cyclohexene-1-carboxylic acid, 3-cyclohexen-1-ylmethyl ester
2687254		Toluene-2,3-diamine
2691410		1,3,5,7-Tetrazocine, octahydro-1,3,5,7-tetranitro-
2702729		Acetic acid, (2,4-dichlorophenoxy)-, sodium salt
2738069		2-Butanamine, N-ethyl-3-methyl-
2778429		Benzene, 1,3-bis(1-isocyanato-1-methylethyl)-
2783940		Sunset Yellow FCF
2807309	2	Ethanol, 2-propoxy-
2809214		Phosphonic acid, (1-hydroxyethylidene)di-

CAS Number	Indicator*	Chemical
2814202		4(1H)-Pyrimidinone, 6-methyl-2-(1-methylethyl)-
2855132		Cyclohexanemethylamine, 5-amino-1,3,3-trimethyl-
2867472	2	Methacrylic acid, 2-(dimethylamino)ethyl ester
2893789		s-Triazine-2,4,6(1H,3H,5H)-trione, 1,3-dichloro-, sodium salt
2905626		Benzoyl chloride, 3,5-dichloro-
2905659		Benzoic acid, m-chloro-, methyl ester
2915539		Maleic acid, dioctyl ester
2935902		Propionic acid, 3-mercapto-, methyl ester
2941642		Formic acid, chlorothio-, S-ethyl ester
3006824		Peroxyhexanoic acid, 2-ethyl-, tert-butyl ester
3033623		Ethylamine, 2,2'-oxybisON,N-dimethyl-
3039836	2	Ethenesulfonic acid, sodium salt
3041234		Aluminum, trioctadecyl-
3048655	2	Indene, 3a,4,7,7a-tetrahydro-
3081014		p-Phenylenediamine, N-(1,4-dimethylpentyl)-N'-phenyl-
3081149		p-Phenylenediamine, N,N'-bis(1,4-dimethylpentyl)-
3085301		Aluminum butoxide
3088311		Ethanol, 2-O2-(dodecyloxy)ethoxy@p-, hydrogen sulfate, sodium salt
3089110		Melamine, hexakis(methoxymethyl)-
3132998		Benzaldehyde, m-bromo-
3147759		Phenol, 2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)-
3149686		D-Glucopyranoside, methyl
3159624		Octadecanoic acid, 12-hydroxy-, calcium salt (2:1)
3164850		Hexanoic acid, 2-ethyl-, potassium salt
3173533		Isocyanic acid, cyclohexyl ester
3194556		Cyclododecane, 1,2,5,6,9,10-hexabromo-
3268493		Propionaldehyde, 3-(methylthio)-
3282302		Pivaloyl chloride
3290924		Methacrylic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol
3296900		1,3-Propanediol, 2,2-bis(bromomethyl)-
3319311	2	1,2,4-Benzenetricarboxylic acid, tris(2-ethylhexyl) ester
3323533		Adipic acid, compd. with 1,6-hexanediamine (1:1)
3327228	2	Ammonium, (3-chloro-2-hydroxypropyl)trimethyl-, chloride
3338247		Phosphorodithioic acid, O,O-diethyl ester, sodium salt
3386332		Octadecane, 1-chloro-

CAS Number	Indicator	Chemical
3586149		Ether, phenyl m-tolyl
3590849		Stannane, tetraoctyl-
3618722		p-Acetanisidide, 5'-Obis(2-hydroxyethyl)amino@p-2'-O(2-bromo-4,6-dinitrophenyl)a
3622842		Benzenesulfonamide, N-butyl-
3648202		Phthalic acid, diundecyl ester
3709431		2,2'-Stilbenedisulfonic acid, 4,4'-dinitro-, disodium salt
3710847		Ethanamine, N-ethyl-N-hydroxy-
3724650		Crotonic acid
3734483		4,7-Methano-1H-indene, 4,5,6,7,8,8-hexachloro-3a,4,7,7a-tetrahydro-
3748138		Benzene, m-diisopropenyl-
3757764		Phenol, 2,4-dichloro-, sodium salt
3779633		Isocyanic acid, (2,4,6-trioxo-s-triazine-1,3,5(2H,4H,6H)-triyI)tris(hexamethyle
3806346		2,4,8,10-Tetraoxa-3,9-diphosphaspiroO5.5@pundecane, 3,9-bis(octadecyloxy)-
3926623	2	Acetic acid, chloro-, sodium salt
3965557		Isophthalic acid, 5-sulfo-, 1,3-dimethyl ester, sodium salt
3985817		1-Octadecanol, aluminum salt
3999700		Butyl alcohol, potassium salt
4026204		Butyric acid, 2-hydroxy-3,3-dimethyl-
4035896		Isocyanic acid, triester with 1,3,5-tris(6-hydroxyhexyl)biuret
4075814		Propionic acid, calcium salt
4080313		3,5,7-Triaza-1-azoniaadamantane, 1-(3-chloroallyl)-, chloride
4083641		p-Toluenesulfonic acid, anhydride with isocyanic acid
4088226		Diocadecylamine, N-methyl-
4098719		Cyclohexane, 5-isocyanato-1-(isocyanatomethyl)-1,3,3-trimethyl-
4131742		Propanoic acid, 3,3'-thiobis-, dimethyl ester
4170303		2-Butenal
4180238		Anisole, p-propenyl-, (E)-
4223034		Acrylamide, N-(1,1,3,3-tetramethylbutyl)-
4253343		Silanetriol, methyl-, triacetate
4259158	2	Phosphorodithioic acid, O,O-bis(2-ethylhexyl) ester, zinc salt
4300974		Propanoyl chloride, 3-chloro-2,2-dimethyl-
4316738		Sarcosine, monosodium salt
4356609		2-Imidazolidinone, 4,5-dimethoxy-1,3-bis(methoxymethyl)-

CAS Number	Indicator*	Chemical
4454051		2H-Pyran, 3,4-dihydro-2-methoxy-
4461523		Methanol, methoxy-
4475950		Butyronitrile, 2-amino-2-methyl-
4518983		Disilane, 1,1,2,2-tetrachloro-1,2-dimethyl-
4553622		Glutaronitrile, 2-methyl-
4635874		3-Pentenenitrile
4719044		s-Triazine-1,3,5(2H,4H,6H)-triethanol
4767037		Propionic acid, 2,2-bis(hydroxymethyl)-
4790710		Phenol, 2-[(2-methyl-2-propenyl)oxy]-
4792158		Pentaethylene glycol
4860031		Hexadecane, 1-chloro-
4904614		1,5,9-Cyclododecatriene
4948281		2-Pinanol, cis-
4948292		2-Pinanol, trans-
4979322	2	2-Benzothiazolesulfenamide, N,N-dicyclohexyl-
5026744		Aniline, p-(2,3-epoxypropoxy)-N,N-bis(2,3-epoxypropyl)-
5039781		Ethanaminium, N,N,N-trimethyl-2-O(2-methyl-1-oxo-2-propenyl)oxy@p-, chloride
5064313	2	Acetic acid, nitrilotri-, trisodium salt
5124301		Isocyanic acid, methylenedi-4,1-cyclohexylene ester
5131668		2-Propanol, 1-butoxy-
5160021	2	C.I. Pigment Red 53, barium salt (2:1)
5165979		1-Propanesulfonic acid, 2-acrylamido-2-methyl-, sodium salt
5188078		Methanethiol, sodium salt
5216251		Toluene, p,,alpha,,alpha,,alpha.-tetrachloro-
5281049	2	C.I. Pigment Red 57, calcium salt (1:1)
5324845		1-Octanesulfonic acid, sodium salt
5332730		Propylamine, 3-methoxy-
5392405	2	2,6-Octadienal, 3,7-dimethyl-
5419556		Boric acid, (H3BO3), triisopropyl ester
5421465		Acetic acid, mercapto-, monoammonium salt
5460093		2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-, monosodium salt
5468757		Benzidine Yellow OT
5567157		Acetoacetanilide, 2,2''-O(3,3'-dichloro-4,4'-biphenylene)bis(azo)@pbisO4'-chlo

CAS Number	Indicator*	Chemical
5766676		Acetonitrile, (ethylenedinitrilo)tetra-
5809234		Benzoic acid, o-O4-(diethylamino)salicyloyl@p-
5810888		Phosphorodithioic acid, O,O-bis(2-ethylhexyl) ester
5862384		QuinoO2,3-b@pacridine-7,14-dione, 5,6,12,13-tetrahydro-
5873541	2	Isocyanic acid, diester with 2,4'-methylenediphenol
5915413		s-Triazine, 2-(tert-butylamino)-4-chloro-6-(ethylamino)-
5959897		D-Glucitol, 1,4-anhydro-, 6-dodecanoate
5989275		p-Mentha-1,8-diene, (R)-(+)-
5994616		Glycine, N-(carboxymethyl)-N-(phosphonomethyl)-
5995426		Phosphonic acid, OO(2-hydroxyethyl)imino@pdimethylene@pdi-
6028473		2-Pentanol, 4-methyl-, O,O-diester with phosphorodithioic acid
6104309		Urea, 1,1'-isobutylidenedi-
6145739		1-Propanol, 2-chloro-, phosphate (3:1)
6196958		Ethane, 1-phenyl-1-(3,4-xylyl)-
6289469		1,4-Cyclohexanedicarboxylic acid, 2,5-dioxo-, dimethyl ester
6294344		Phosphonic acid, (2-chloroethyl)-, bis(2-chloroethyl) ester
6358856		C.I. Pigment Yellow 12
6375479		p-Acetanisidide, 3'-amino-
6381619		1,2-Benzisothiazolin-3-one, 1,1-dioxide, ammonium salt
6381777		D-erythro-Hex-2-enonic acid, .gamma.-lactone, monosodium salt
6386385	2	Hydrocinnamic acid, 3,5-di-tert-butyl-4-hydroxy-, methyl ester
6419198	2	Phosphonic acid, Onitriлотris(methylene)@ptri-
6422862		Terephthalic acid, bis(2-ethylhexyl) ester
6422997		Sebacic acid, compd. with 1,6-hexanediamine (1:1)
6423434		1,2-Propanediol, dinitrate
6471789		o-Toluenesulfonic acid, 4-amino-5-methoxy-
6473138		2-Naphthalenesulfonic acid, 6-O(2,4-diaminophenyl)azo@p-3-OO4-Op-OO7-O(2,4-diami
6651258		Aluminum, tridocosyl-
6651269		Aluminum, tritetracosyl-
6651270		Aluminum, trioctacosyl-
6683198		Hydrocinnamic acid, 3,5-di-tert-butyl-4-hydroxy-, neopentanetetrayl ester
6842155		Propene, tetramer
6846500	2	Isobutyric acid, 1-isopropyl-2,2-dimethyltrimethylene ester
6863587		sec-Butyl ether

CAS Number	Indicator*	Chemical
6865356		Stearic acid, barium salt
6876137		Pinane, stereoisomer
6881943		Ethanol, 2-(2-propoxyethoxy)-
6915157		Malic acid
6938949		Adipic acid, diisopropyl ester
7023612		C.I. Pigment Red 48, calcium salt (1:1)
7085850		Acrylic acid, 2-cyano-, ethyl ester
7173628		1,3-Propanediamine, N-9-octadecenyl-, (Z)-
7320378		Hexadecane, 1,2-epoxy-
7336201		2,2'-Stilbenedisulfonic acid, 4,4'-diamino-, disodium salt
7351613		Methacrylic acid, 3-(trichlorosilyl)propyl ester
7378236		D-erythro-Hex-2-enonic acid, .gamma.-lactone, sodium salt
7396589		Didecylamine, N-methyl-
7398698		Ammonium, diallyldimethyl-, chloride
7440440	1	Carbon
7446813		Acrylic acid, sodium salt
7534943		Methacrylic acid, isobornyl ester
7585413		C.I. Pigment Red 48, barium salt (1:1)
7620771		Octadecanoic acid, 12-hydroxy-, monolithium salt
7659861		Acetic acid, mercapto-, 2-ethylhexyl ester
7786176		p-Cresol, 2,2'-methylenebisO6-nonyl-
7795951		1-Octanesulfonyl chloride
8001216	1	Sunflower oil
8001227	1	Soybean oil
8001261	1	Linseed oil
8001294	1	Cottonseed oil
8001307	1	Corn oil
8001318	1	Coconut oil
8001589		Creosote
8001783	1	Castor oil, hydrogenated
8001794	1	Castor oil
8002037	1	Peanut oil
8002059		Petroleum
8002093		Oils, pine
8002264		Tall oil

CAS Number	Indicator*	Chemical
8002504		Fats and Glyceridic oils, menhaden
8002742		Paraffin waxes and Hydrocarbon waxes
8002753	1	Palm oil
8005025		C.I. Solvent Black 7
8006142		Natural gas
8006200		Fuel gases, low and medium B.T.U.
8006540	1	Lanolin
8006619		Gasoline, natural
8006642		Turpentine, oil
8007247		Cashew, nutshell liq.
8007430		Sorbitan, sesquioleate
8007452		Tar, coal
8008206		Kerosine, (petroleum)
8008579		Oils, orange, sweet
8009038		Petrolatum
8013078		Soybean oil, epoxidized
8013750		Fusel oil
8016113		Linseed oil, epoxidized
8016282	1	Lard, oil
8016704	1	Soybean oil, hydrogenated
8016817		Tall-oil pitch
8021996	1	Charcoal, bone
8023798		Oils, glyceridic, palm kernel
8029434	1	Syrups, hydrolyzed starch
8030124		Tallow, hydrogenated
8030306		Naphtha
8030782		Quaternary ammonium compounds, trimethyltallow alkyl, chlorides
8032324		Ligroine
8042475		White mineral oil, (petroleum)
8045349		Stearic acid, ester with pentaerythritol
8050097		Rosin
8050155		Resin acids and Rosin acids, hydrogenated, Me esters
8050268		Resin acids and Rosin acids, esters with pentaerythritol
8050280		Rosin, maleated
8050315		Resin acids and Rosin acids, esters with glycerol

CAS Number	Indicator*	Chemical
8051307		Coconut oil, reaction products with diethanolamine
8052106		Tall-oil rosin
8052413		Stoddard solvent
8052424		Asphalt
8052480		Fatty acids, tallow, sodium salts
9004777		Poly(oxy-1,2-ethanediyl), .alpha.-butyl-.omega.-hydroxy-
9004960		Glycols, polyethylene, monooleate
9004982		Glycols, polyethylene, mono-9-octadecenyl ether, (Z)-
9004993		Glycols, polyethylene, monostearate
9005076		Glycols, polyethylene, dioleate
9005907		Turpentine
9016459	2	Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-
9046019		Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, phosphate
9050366	1	Maltodextrin
10081671		Diphenylamine, 4,4'-bis(.alpha.,.alpha.-dimethylbenzyl)-
10124659		Lauric acid, potassium salt
10265697		Glycine, N-phenyl-, monosodium salt
10402161		Oleic acid, copper salt
10449715		Aluminum, trihexacosyl-
10533672		Acetaldehyde, (methylthio)-, oxime
10595605		Diethylenetriamine, 1,7-bis(1,3-dimethylbutylidene)-
10595729		Propionic acid, 3,3'-thiodi-, ditridecyl ester
11070443	2	1,3-Isobenzofurandione, tetrahydromethyl-
11097599		Magnesium, (carbonato)hexadecahydroxydialuminumhexa-
11099062		Silicic acid, ethyl ester
11113705		Silicic acid, chromium lead salt
11120222		Silicic acid, lead salt
11138606		Decanoic acid, ester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol octanoate
12001853		Naphthenic acids, zinc salts
12068030		ar-Toluenesulfonic acid, sodium salt
12075682		Aluminum, trichlorotriethyl-di-
12108133		Manganese, tricarbonyl(methyl-.pi.-cyclopentadienyl)-
12113074		Borate(1-), hydroxytriphenyl-, sodium, (T-4)-
12645317		Phosphoric acid, 2-ethylhexyl ester
13031419		Benzonitrile, p-hydroxy-, acetate (ester)

CAS Number	Indicator	Chemical
13048334		Acrylic acid, hexamethylene ester
13188608		Dodecanedioic acid, compd. with 1,6-hexanediamine (1:1)
13360639		Butylamine, N-ethyl-
13393936		Abietyl alcohol, tetrahydro-
13463406		Iron carbonyl, (Fe(CO) ₅)
13472087		Butyronitrile, 2,2'-azobisO ₂ -methyl-
13528886		Disilane, 1,1,2-trichloro-1,2,2-trimethyl-
13547701		2-Butanone, 1-chloro-3,3-dimethyl-
13560899		1,4:7,10-DimethanodibenzoO _{a,e} @p-cyclooctene, 1,2,3,4,7,8,9,10,13,13,14,14-dodecac
13631646		4-Thiazolecarboxamidine, N-phenyl-, hydrochloride
13674845	2	2-Propanol, 1-chloro-, phosphate (3:1)
13674878		2-Propanol, 1,3-dichloro-, phosphate (3:1)
13749945		Acetohydroxamic acid, thio-, methyl ester
13752517		Morpholine, 4-O(morpholinothiocarbonyl)thio@p-
13826352		Benzyl alcohol, m-phenoxy-
13863315		2,2'-Stilbenedisulfonic acid, 4,4'-bisO ₄ -anilino-6-O(2-hydroxyethyl)methylamin
13889924		Formic acid, chlorothio-, S-propyl ester
13893533		Butanenitrile, 2-amino-2,3-dimethyl-
13927770		Nickel, bis(dibutyldithiocarbamato)-
13952846		sec-Butylamine
14064030		Ethanol, 2-ethoxy-, magnesium salt
14143603		Picolinonitrile, 4-amino-3,5,6-trichloro-
14433762		Decanamide, N,N-dimethyl-
14450056		Nonanoic acid, neopentametrayl ester
14624136		Octyl alcohol, aluminum salt
14624158		Dodecyl alcohol, aluminum salt
14643879		Acrylic acid, zinc salt
14666945		Cobalt oleate
15214898		1-Propanesulfonic acid, 2-acrylamido-2-methyl-
15233473		p-Phenylenediamine, N-(1-methylheptyl)-N'-phenyl-
15520102		1,5-Pentanediamine, 2-methyl-
15625895		Acrylic acid, triester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol
15708415		Ferrate(1-), O(ethylenedinitrilo)tetraacetato@p-, sodium

CAS Number	Indicator*	Chemical
15827608		Phosphonic acid, OO(phosphonomethyl)imino@pbisO2,1-ethanediylNitrilobis(methylen
15890252		Carbamic acid, dipentyldithio-, tris(anhydrosulfide) with thioantimonic acid (H
16090021		2,2'-Stilbenedisulfonic acid, 4,4'-bisO(4-anilino-6-morpholino-s-triazin-2-yl)a
16111629		Peroxydicarbonic acid, bis(2-ethylhexyl) ester
16219753		2-Norbornene, 5-ethylidene-
16291966	1	Charcoal
16470249		2,2'-Stilbenedisulfonic acid, 4,4'-bisOO4-Obis(2-hydroxyethyl)amino@p-6-(p-sulfo
16485475		Ferrate(1-), OON-(carboxymethyl)-N'-(2-hydroxyethyl)-N,N'-ethylenediglycinato@p(
16529569		3-Butenenitrile, 2-methyl-
16530726		Octanoic acid, compd. with 2,2'-iminodiethanol (1:1)
16883833		Phthalic acid, benzyl 3-hydroxy-1-isopropyl-2,2-dimethylpropyl ester.isobutyrat
16958922		Adipic acid, ditridecyl ester
17095248	2	2,7-Naphthalenedisulfonic acid, 4-amino-5-hydroxy-3,6-bisOOp-O(2-hydroxyethyl)s
17103310		Urea, sulfate (2:1)
17321470		Phosphoramidothioic acid, O,O-dimethyl ester
17564646		Phthalimide, N-(chloromethyl)-
17611824		Succinonitrile, ethyl-
17689779		Silanetriol, ethyl-, triacetate
17796826		Phthalimide, N-(cyclohexylthio)-
17797034		Cyclohexanesulfenyl chloride
17824838		Picolinonitrile, tetrachloro-
17976431		Lead, di-.mu.-oxo(.mu.-phthalato)tri-, cyclo-
18268707		Hexanoic acid, 2-ethyl-, diester with tetraethylene glycol
18328900		Allylamine, N-ethyl-2-methyl-
18719034		Glycine, N,N'-1,3-propanediylbis[N-(carboxymethyl)]-, tetrasodium salt
18760446		Thiophene, 3-(decyloxy)tetrahydro-, 1,1-dioxide
19141823		1-Hexadecanol, aluminum salt
19224261		1,2-Propanediol, dibenzoate
19248136		Ethylenediamine, N-ethyl-N-m-tolyl-
19355692		Propionitrile, 2-amino-2-methyl-
19438610		Phthalic anhydride, 4-methyl-
19525598		Glycine, N-phenyl-, monopotassium salt

CAS Number	Indicator*	Chemical
20068024		Crotononitrile, 2-methyl-, (Z)-
20227536		Phosphorous acid, 2-tert-butyl-.alpha.-(3-tert-butyl-4-hydroxyphenyl)-p-cumenyl
20324327		2-Propanol, 1-(2-methoxy-1-methylethoxy)-
20324338		2-Propanol, 1-O2-(2-methoxy-1-methylethoxy)-1-methylethoxy@p-
20469710		Carbamic acid, dithio-, compd. with hydrazine (1:1)
20592852		Phosphonic acid, Onitrioltris(methylene)@ptri-, sodium salt
20824560		Acetic acid, (ethylenedinitrilo)tetra-, diammonium salt
21063401		D-arabino-Hexulosonic acid, methyl ester
21265509		Ferrate(1-), O(ethylenedinitrilo)tetraacetato@p-, ammonium
21351393		Urea, sulfate (1:1)
21729986		Carbamic acid, cyano-, methyl ester
22031330		Propionitrile, 3-ON-(2-hydroxyethyl)anilino@p-, acetate (ester)
22464999		Hexanoic acid, 2-ethyl-, zirconium salt
22473785		Acetic acid, (ethylenedinitrilo)tetra-, tetraammonium salt
22527635		Isobutyric acid, 3-hydroxy-2,2,4-trimethylpentyl ester benzoate
22591215		2-Butanone, 1,1-dichloro-3,3-dimethyl-
22984549		2-Butanone, O,O',O''-(methylsilylidyne)trioxime
23128510		p-Acetanisidide, 3'-Obis(2-hydroxyethyl)amino@p-, diacetate (ester)
23275265		Hexyl alcohol, aluminum salt
23386529		Succinic acid, sulfo-, 1,4-dicyclohexyl ester, sodium salt
23500790		Phenol, 6-tert-butyl-3-(chloromethyl)-2,4-dimethyl-
23681609		Methanol, tris(p-anilinophenyl)-
23783428		2,5,8,11-Tetraoxatridecan-13-ol
24310416		1,2,3-Benzotriazin-4(3H)-one, 3-(chloromethyl)-
24448097		1-Octanesulfonamide, 1,1,2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-heptafluoro-N-(2-hyd
24468131		Carbonochloridic acid, 2-ethylhexyl ester
24549062		o-Toluidine, 6-ethyl-
24615847		Hydracrylic acid, acrylate
24634615		Sorbic acid, potassium salt
24794589		Formic acid, compd. with 2,2',2''-nitrioltriethanol (1:1)
24800440	2	Tripropylene glycol
24991557		Glycols, polyethylene, dimethyl ether
25013154		Styrene, ar-methyl-

CAS Number	Indicator*	Chemical
25037450		Carbonic acid, polyester with 4,4'-isopropylidenediphenol
25103097		Acetic acid, mercapto-, isooctyl ester
25103542		Phosphorodithioic acid, O,O-diisodecyl ester, zinc salt
25103586		tert-Dodecanethiol
25134218		5-Norbornene-2,3-dicarboxylic anhydride, methyl-
25154385		Piperazineethanol
25154523	2	Phenol, nonyl-
25155231		Xylenol, phosphate (3:1)
25155253		Peroxide, (phenylenediisopropylidene)bisOtert-butyl
25155300	2	Benzenesulfonic acid, dodecyl-, sodium salt
25167673		Butene
25167708	2	Pentene, 2,4,4-trimethyl-
25168052		Toluene, ar-chloro-
25168063		Phenol, isopropyl-
25168245	2	Acetic acid, O(dibutylstannylene)dithio@pdi-, diisooctyl ester
25264931		Hexene
25265718	2	Propanol, oxybis-
25265774	2	Propanoic acid, 2-methyl-, monoester with 2,2,4-trimethyl-1,3-pentanediol
25321099		Benzene, diisopropyl-
25321146		Toluene, ar,ar-dinitro-
25321419		Benzenesulfonic acid, dimethyl-
25322172		Naphthalenesulfonic acid, dinonyl-
25322683		Glycols, polyethylene
25322694		Glycols, polypropylene
25339177		Isodecyl alcohol
25339564		Heptene
25340174		Benzene, diethyl-
25340185		Benzene, triethyl-
25360105		tert-Nonyl mercaptan
25376458		Toluene-ar,ar-diamine
25377735		2,5-Furandione, 3-(dodecenyldihydro-
25377837		Octene
25383997		Stearic acid, ester with lactic acid bimol. ester, sodium salt
25448253		Phosphorous acid, triisodecyl ester
25496019		Benzenesulfonic acid, tridecyl-

CAS Number	Indicator	Chemical
25496724		Olein, mono-
25550145		Toluene, ar-ethyl-
25550985		Phosphorous acid, diisodecyl phenyl ester
25584832		Acrylic acid, monoester with 1,2-propanediol
25586429		Phosphorous acid, tritolyl ester
25619561		Naphthalenesulfonic acid, dinonyl-, barium salt
25640782	2	Biphenyl, isopropyl-
25646713		Methanesulfonamide, N-O2-O(4-amino-3-methylphenyl)ethylamino@pethyl@p-, sulfate (
25852704	2	Acetic acid, O(butylstannylidyne)trithio@ptri-, triisooctyl ester
25899507		2-Pentenenitrile, (Z)-
25956176		2-Naphthalenesulfonic acid, 6-hydroxy-5-O(2-methoxy-5-methyl-4-sulfophenyl)azo@p
25973551		Phenol, 2-(2H-benzotriazol-2-yl)-4,6-di-tert-pentyl-
26040517		Phthalic acid, tetrabromo-, bis(2-ethylhexyl) ester
26140603		Terphenyl
26248248	2	Benzenesulfonic acid, tridecyl-, sodium salt
26264051		Benzenesulfonic acid, dodecyl-, compd. with isopropylamine (1:1)
26264062		Benzenesulfonic acid, dodecyl-, calcium salt
26266580		Sorbitan, trioleate
26266682		Hexenal, 2-ethyl-
26294984		2-Pentenenitrile, (E)-
26303548		Decyl alcohol, aluminum salt
26351326		Propionitrile, 3-(9-octadecenylamino)-, (Z)-
26377297		Phosphorodithioic acid, O,O-dimethyl ester, sodium salt
26401274		Phosphorous acid, isooctyl diphenyl ester
26447109		Xylenesulfonic acid, ammonium salt
26447405	2	Benzene, 1,1'-methylenebisOisocyanato-
26471625		Isocyanic acid, methyl-m-phenylene ester
26472004		4,7-Methanoindene, 3a,4,7,7a-tetrahydrodimethyl-
26523784		Phenol, nonyl-, phosphite (3:1)
26544230		Phosphorous acid, isodecyl diphenyl ester
26544387		Succinic anhydride, (tetrapropenyl)-
26566950		Phosphorodithioic acid, O-(2-ethylhexyl) O-isobutyl ester, zinc salt
26588556		Phthalic anhydride, polyester with ethylene glycol, maleic anhydride and 1,2-pr

CAS Number	Indicator*	Chemical
26635938		Glycols, polyethylene, (9-octadecenylimino)diethylene ether, (Z)-
26636011	2	Acetic acid, 2,2'-O(dimethylstannylene)bis(thio)pbis-, diisooctyl ester
26680546		Succinic anhydride, octenyl-
26741537		Phosphorous acid, cyclic neopentetetrayl bis(2,4-di-tert-butylphenyl) ester
26748414		Peroxyneodecanoic acid, tert-butyl ester
26761400	2	Phthalic acid, diisodecyl ester
26761455		Neodecanoic acid, 2,3-epoxypropyl ester
26896184		Isononanoic acid
26896208	2	Neodecanoic acid
26968581		Toluene, .alpha.-chloro-ar-ethyl-
26998970		Phenol, thiobisOdodecyl-, calcium salt (1:1)
26999291		Phosphorodithioic acid, O,O-diisooctyl ester
27090637		1,6-Hexanediamine, N,N,N',N'-tetrabutyl-
27138314		Dipropylene glycol, dibenzoate
27157944		Phosphorodithioic acid, O,O-ditolyl ester
27176870		Benzenesulfonic acid, dodecyl-
27178161		Adipic acid, diisodecyl ester
27193288		Phenol, octyl-
27193868		Phenol, dodecyl-
27215958		Nonene
27247967		Nitric acid, 2-ethylhexyl ester
27251758		1,2,4-Benzenetricarboxylic acid, triisooctyl ester
27253312		Neodecanoic acid, cobalt salt
27288444		Acetic acid, (stibylidynetrithio)tri-, triisooctyl ester
27323417		Benzenesulfonic acid, dodecyl-, compd. with 2,2',2''-nitrotrisOethanol@p (1:1)
27554263		1,2-Benzenedicarboxylic acid, diisooctyl ester
27576869		Phenol, (1-methyl-1-phenylethyl)-
27676626		s-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(3,5-di-tert-butyl-4-hydroxybenzyl
27813021		Methacrylic acid, monoester with 1,2-propanediol
27859581		Succinic acid, (tetrapropenyl)-
28106301		Styrene, ar-ethyl-
28188241		Stearic acid, triester with pentaerythritol
28324529		Pinanyl hydroperoxide
28348530		ar-Cumenesulfonic acid, sodium salt

CAS Number	Indicator*	Chemical
28472971		Azelaic acid, diisodecyl ester
28473214		Nonanol
28519020		Benzenesulfonic acid, dodecyloxydi-, disodium salt
28553120	2	Phthalic acid, diisononyl ester
28629665	2	Phosphorodithioic acid, O,O-diisooctyl ester, zinc salt
28677932		Methoxy-1-propanol
28777982		Succinic anhydride, octadecenyl-
28908001		Benzothiazole, 2-O(chloromethyl)thio@p-
28961435		Poly(oxy-1,2-ethanediyl), .alpha.-hydro-.omega.-O(1-oxo-2-propenyl)oxy@p-, ether
28984896		1,1'-Biphenyl, phenoxy-
28987179		Phenol, nonyl-, barium salt
29329713		Phosphonic acid, (1-hydroxyethylidene)di-, sodium salt
29385431		1H-Benzotriazole, methyl-
29590429	2	Acrylic acid, isooctyl ester
29598763		Propionic acid, 3-(dodecylthio)-, neopentametrayl ester
29761215		Phosphoric acid, isodecyl diphenyl ester
29806733		Palmitic acid, 2-ethylhexyl ester
29911282		2-Propanol, 1-(2-butoxy-1-methylethoxy)-
29964849		2-Propenoic acid, 2-methyl-, isodecyl ester
30113452		1-Propanamine, 3-(isodecyloxy)-
30207988		Undecanol
30399849		Isooctadecanoic acid
30574971		2-Butenenitrile, 2-methyl-, (E)-
30618849		Acetic acid, mercapto-, monoester with glycerol
31138655		D-gluco-Heptonic acid, monosodium salt, (2.xi.)-
31556453		Stearic acid, tridecyl ester
31566311		Octadecanoic acid, monoester with 1,2,3-propanetriol
31570044		Phenol, 2,4-di-tert-butyl-, phosphite (3:1)
31906044		3-Cyclohexene-1-carboxaldehyde, 4-(4-hydroxy-4-methylpentyl)-
32072961		Succinic anhydride, hexadecenyl-
32073226		Benzene, (1-methylethyl)-, monosulfo deriv., sodium salt
32131172		PolyOimino(1,6-dioxo-1,6-hexanediyl)imino-1,6-hexanediyl@p
32210234		Cyclohexanol, 4-tert-butyl-, acetate
32360057		Methacrylic acid, octadecyl ester

CAS Number	Indicator*	Chemical
32534819	2	Benzene, 1,1'-oxybis-, pentabromo deriv.
32536520	2	Phenyl ether, octabromo deriv.
32687777		Hydrocinnamic acid, 3,5-di-tert-butyl-4-hydroxy-, hydrazide
32687788		Hydrazine, 1,2-bis(3,5-di-tert-butyl-4-hydroxyhydrocinnamoyl)-
33125869		Phosphoric acid, ethylene tetrakis(2-chloroethyl) ester
33509432		as-Triazin-5(4H)-one, 4-amino-6-tert-butyl-3-mercapto-
33703081		Adipic acid, diisononyl ester
34590948		Dipropylene glycol monomethyl ether
34689468		Phenol, methyl-, sodium salt
35074772		Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, 1,6-hexanediyl es
35203066		Benzenamine, 2-ethyl-6-methyl-N-methylene-
35203088		Benzenamine, 2,6-diethyl-N-methylene-
35884663		Nickel, tetrakisOtris(methylphenyl) phosphite-P@p-
36431228		Spiro[isobenzofuran-1(3H),9'-(9H)-xanthen]-3-one, 6'-(diethylamino)-2'-[(2,4-di
36445713		Benzenesulfonic acid, decyl(sulfophenoxy)-, disodium salt
36653824		1-Hexadecanol
36876138		1,1'-Biphenyl, ar,ar'-bis(1-methylethyl)-
36878203		Benzenamine, ar-nonyl-N-(nonylphenyl)-
37439342		2(1H)-Pyridinone, 3,5,6-trichloro-, sodium salt
37475880		Benzenesulfonic acid, (1-methylethyl)-, ammonium salt
37734455		Carbonochloridothioic acid, S-(phenylmethyl) ester
37764253		Acetamide, 2,2-dichloro-N,N-di-2-propenyl-
37853591		Benzene, 1,1'-O1,2-ethanediylbis(oxy)@pbisO2,4,6-tribromo-
37971361	2	1,2,4-Butanetricarboxylic acid, 2-phosphono-
38051104		Phosphoric acid, 2,2-bis(chloromethyl)-1,3-propanediyl tetrakis(2-chloroethyl)
38103069		1,3-Isobenzofurandione, 5,5'-O(1-methylethylidene)bis(4,1-phenyleneoxy)@pbis-
38185067		Benzenesulfonic acid, 4-chloro-3,5-dinitro-, potassium salt
38321185		Ethanol, 2-(2-butoxyethoxy)-, sodium salt
39464705		Poly(oxy-1,2-ethanediyl), .alpha.-phenyl-.omega.-hydroxy-, phosphate
39515510		Benzaldehyde, 3-phenoxy-
40164690		Acetamide, 2-chloro-N-(chloromethyl)-N-(2,6-diethylphenyl)-
40292828		Neodecanoyl chloride

CAS Number	Indicator*	Chemical
40601761		1,3,5-Triazine-2,4,6(1H,3H,5H)-trione, 1,3,5-tris(4-(1,1-dimethylethyl)-3-hydroxy
40630635		1-Octanesulfonyl fluoride
40876980		Butanedioic acid, oxo-, diethyl ester, ion(1-), sodium
41484359		Benzenepropanoic acid, 3,5-bis(1,1-dimethylethyl)-4-hydroxy-, thiodi-2,1-ethane
41638555		1,1'-Biphenyl, butyl-
41663847		1H-Isoindole-1,3(2H)-dione, 2-methyl-5-nitro-
42222504		9-Octadecenoic acid (Z)-, 2,2-dimethyl-1,3-propanediyl ester
42978665		2-Propenoic acid, (1-methyl-1,2-ethanediyl)bis(oxymethyl-2,1-ethanediyl) ester
44992010		Ethanaminium, N,N,N-trimethyl-2-O(1-oxo-2-propenyl)oxy, chloride
45294186		2-Propenoic acid, 2-methyl-, eicosyl ester
50594440		Phenol, 5-O(2-chloro-4-(trifluoromethyl)phenoxy)-2-nitro-, acetate (ester)
50594779		Phenol, 3-O(2-chloro-4-(trifluoromethyl)phenoxy)-, acetate
50651393		Acetamide, N-(4-methoxy-3-nitrophenyl)-
51307927		Butanedioic acid, 2,3-dihydroxy-, disodium salt, (R*,R*)-(+,-)-
51632167		Benzene, 1-(bromomethyl)-3-phenoxy-
51811791		Poly(oxy-1,2-ethanediyl), .alpha.-(nonylphenyl)-.omega.-hydroxy-, phosphate
52166720		Phenol, 2,5-dichloro-, sodium salt
52184197		Phenol, 2,4-bis(1,1-dimethylpropyl)-6-O(2-nitrophenyl)azo
52270447		Neodecanoic acid, cobalt(2+) salt
52314677		Cyclopropanecarbonyl chloride, 3-(2,2-dichloroethenyl)-2,2-dimethyl-
52556420		1-Propanesulfonic acid, 2-hydroxy-3-(2-propenyloxy)-, monosodium salt
52663577		Ethanol, 2-butoxy-, sodium salt
52829079		Decanedioic acid, bis(2,2,6,6-tetramethyl-4-piperidiny) ester
52836314		Oxazolidine, 3-(dichloroacetyl)-2,2,5-trimethyl-
53422165		Octadecanoic acid, 12-hydroxy-, methyl ester, lithium salt
53894238		1,2,4-Benzenetricarboxylic acid, triisononyl ester
53980884		2-Cyclohexene-1-octanoic acid, 5(or 6)-carboxy-4-hexyl-
54261675		Phenol, dodecyl-, hydrogen phosphorodithioate, zinc salt
54395527		1H-Isoindole-1,3(2H)-dione, 5,5'-O(1-methylethylidene)bis(4,1-phenyleneoxy) bis
54849386	2	Acetic acid, 2,2',2''-O(methylstannylidene)tris(thio)tris-, triisooctyl ester
55406536		Carbamic acid, butyl-, 3-iodo-2-propynyl ester
55701058		Cyclopropanecarboxylic acid, 3-(2,2-dichloroethenyl)-2,2-dimethyl-

CAS Number	Indicator*	Chemical
56038892		Benzenamine, N-(1-ethylpropyl)-4,5-dimethyl-
56803373		Phosphoric acid, (1,1-dimethylethyl)phenyl diphenyl ester
57583343		8-Oxa-3,5-dithia-4-stannatetradecanoic acid, 10-ethyl-4-OO2-O(2-ethylhexyl)oxy@p
57583354		8-Oxa-3,5-dithia-4-stannatetradecanoic acid, 10-ethyl-4,4-dimethyl-7-oxo-, 2-et
57675442		9-Octadecenoic acid (Z)-, 2-ethyl-2-OO(1-oxo-9-octadecenyl)oxy@p methyl@p-1,3-prop
57693148		Chromate(3-), bisO3-hydroxy-4-O(2-hydroxy-1-naphthalenyl)azo@p-7-nitro-1-naphtha
57855773		Naphthalenesulfonic acid, dinonyl-, calcium salt
58823099		Phosphonic acid, O2-OO(2-chloroethoxy)(2-chloroethyl)phosphinyl@poxy@pethyl@p-, bi
59118784		9-Octadecenoic acid (Z)-, 2-mercaptoethyl ester
60754247		Carbamic acid, cyanomethyl-, ethyl ester
61260557		1,6-Hexanediamine, N,N'-bis(2,2,6,6-tetramethyl-4-piperidinyl)-
61788327		Terphenyl, hydrogenated
61788441		Phenol, styrenated
61788452		Amines, hydrogenated tallow alkyl
61788463		Amines, coco alkyl
61788474		Fatty acids, coco
61788598		Fatty acids, coco, Me esters
61788612	1	Fatty acids, tallow, Me esters
61788634		Amines, bis(hydrogenated tallow alkyl)methyl
61788645		Fats and Glyceridic oils, fish, sulfated, sodium salts
61788667		Fatty acids, vegetable-oil
61788769		Alkanes, chloro
61788894		Fatty acids, C18-unsatd., dimers
61788918		Amines, dimethylsoya alkyl
61788952		Amines, (hydrogenated tallow alkyl)dimethyl
61789013		Fatty acids, tall-oil, epoxidized, 2-ethylhexyl esters
61789046		Glycerides, coco mono-, sulfated, sodium salts
61789091		Glycerides, tallow mono-, hydrogenated
61789308		Fatty acids, coco, potassium salts
61789319		Fatty acids, coco, sodium salts
61789320		Fatty acids, coco, 2-sulfoethyl esters, sodium salts

CAS Number	Indicator*	Chemical
61789397		1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs.,
61789400		1-Propanaminium, 3-amino-N-(carboxymethyl)-N,N-dimethyl-, N-coco acyl derivs.,
61789455		Fatty acids, dehydrated castor-oil
61789513		Naphthenic acids, cobalt salts
61789524		Fatty acids, tall-oil, cobalt salts
61789535		Nitriles, coco
61789659		Resin acids and Rosin acids, aluminum salts
61789728		Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, chlor
61789739		Quaternary ammonium compounds, benzylbis(hydrogenated tallow alkyl)methyl, chlo
61789773		Quaternary ammonium compounds, dicoco alkyldimethyl, chlorides
61789808		Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, chloride
61789819		Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, Me sulfa
61789853		Sulfonic acids, petroleum
61789864		Sulfonic acids, petroleum, calcium salts
61789875		Sulfonic acids, petroleum, magnesium salts
61789977	1	Tallow
61789999	1	Lard
61790123		Fatty acids, tall-oil
61790134		Naphthenic acids, sodium salts
61790189		Amines, soya alkyl
61790281		Nitriles, tallow
61790292		Nitriles, tallow, hydrogenated
61790338	2	Amines, tallow alkyl
61790350		Tall oil, sulfated, sodium salt
61790372		Fatty acids, tallow
61790383		Fatty acids, tallow, hydrogenated
61790429		Amines, tris(hydrogenated tallow alkyl)
61790441		Fatty acids, tall-oil, potassium salts
61790452		Fatty acids, tall-oil, sodium salts
61790485		Sulfonic acids, petroleum, barium salts
61790496		Lard, oil, sulfurized

CAS Number	Indicator*	Chemical
61790509		Resin acids and Rosin acids, potassium salts
61790510		Resin acids and Rosin acids, sodium salts
61790634		Fatty acids, coco, compds. with diethanolamine
61790690		Fatty acids, tall-oil, reaction products with diethylenetriamine
61790792		Fatty acids, palm-oil, sodium salts
61791013		Fatty acids, tall-oil, diesters with polyethylene glycol
61791319		Ethanol, 2,2'-iminobis-, N-coco alkyl derivs.
61791397		1H-Imidazole-1-ethanol, 4,5-dihydro-, 2-nortall-oil alkyl derivs.
61791444		Ethanol, 2,2'-iminobis-, N-tallow alkyl derivs.
61791477		Ethanol, 2,2'-iminobis-, N-coco alkyl derivs., N-oxides
61791557		Amines, N-tallow alkyltrimethylenedi-
61898951		Cyclopropanecarboxylic acid, 3-(2,2-dichloroethenyl)-2,2-dimethyl-, methyl este
63133744		Acetonitrile, Oethyl(3-methylphenyl)amino@p-
63231607		Paraffin waxes and Hydrocarbon waxes, microcryst.
63302498		Phosphorochloridous acid, bis(4-nonylphenyl) ester
63393828		Alcohols, C12-15
63449398		Paraffin waxes and Hydrocarbon waxes, chloro
63512641		Naphthalene, diisononyl-
63721051		4-Pentenoic acid, 3,3-dimethyl-, methyl ester
63734623		Benzoic acid, 3-[2-chloro-4-(trifluoromethyl)phenoxy]-
64147406	1	Castor oil, dehydrated
64354923		Propanenitrile, 3-(isodecyloxy)-
64365179		Resin acids and Rosin acids, hydrogenated, esters with pentaerythritol
64665572		1H-Benzotriazole, 4(or 5)-methyl-, sodium salt
64667330		Hexanoic acid, 4,6,6,6-tetrachloro-3,3-dimethyl-, methyl ester
64741419		Naphtha, (petroleum), heavy straight-run
64741420		Naphtha, (petroleum), full-range straight-run
64741431		Gas oils, (petroleum), straight-run
64741442		Distillates, (petroleum), straight-run middle
64741453		Residues, (petroleum), atm. tower
64741464		Naphtha, (petroleum), light straight-run
64741475		Natural gas condensates, (petroleum)
64741486		Natural gas, (petroleum), raw liq. mix
64741497		Condensates, (petroleum), vacuum tower

CAS Number	Indicator*	Chemical
64741500		Distillates, (petroleum), light paraffinic
64741511		Distillates, (petroleum), heavy paraffinic
64741522		Distillates, (petroleum), light naphthenic
64741533		Distillates, (petroleum), heavy naphthenic
64741544		Naphtha, (petroleum), heavy catalytic cracked
64741555		Naphtha, (petroleum), light catalytic cracked
64741566		Residues, (petroleum), vacuum
64741577		Gas oils, (petroleum), heavy vacuum
64741588		Gas oils, (petroleum), light vacuum
64741599		Distillates, (petroleum), light catalytic cracked
64741602		Distillates, (petroleum), intermediate catalytic cracked
64741613		Distillates, (petroleum), heavy catalytic cracked
64741624		Clarified oils, (petroleum), catalytic cracked
64741635		Naphtha, (petroleum), light catalytic reformed
64741646		Naphtha, (petroleum), full-range alkylate
64741657		Naphtha, (petroleum), heavy alkylate
64741668		Naphtha, (petroleum), light alkylate
64741679		Residues, (petroleum), catalytic reformer fractionator
64741680		Naphtha, (petroleum), heavy catalytic reformed
64741691		Naphtha, (petroleum), light hydrocracked
64741704		Naphtha, (petroleum), isomerization
64741737		Distillates, (petroleum), alkylate
64741748		Naphtha, (petroleum), light thermal cracked
64741759		Residues, (petroleum), hydrocracked
64741760		Distillates, petroleum, heavy hydrocracked
64741771		Distillates, (petroleum), light hydrocracked
64741782		Naphtha, (petroleum), heavy hydrocracked
64741793		Coke, (petroleum)
64741806		Residues, (petroleum), thermal cracked
64741817		Distillates, (petroleum), heavy thermal cracked
64741828		Distillates, (petroleum), light thermal cracked
64741839		Naphtha, (petroleum), heavy thermal cracked
64741840		Naphtha, (petroleum), solvent-refined light
64741851		Raffinates, (petroleum), sorption process
64741862		Distillates, (petroleum), sweetened middle

CAS Number	Indicator*	Chemical
64741873		Naphtha, (petroleum), sweetened
64741884		Distillates, (petroleum), solvent-refined heavy paraffinic
64741895		Distillates, (petroleum), solvent-refined light paraffinic
64741908		Gas oils, (petroleum), solvent-refined
64741919		Distillates, (petroleum), solvent-refined middle
64741920		Naphtha, (petroleum), solvent-refined heavy
64741953		Residual oils, (petroleum), solvent deasphalted
64741964		Distillates, (petroleum), solvent-refined heavy naphthenic
64741975		Distillates, (petroleum), solvent-refined light naphthenic
64741986		Extracts, (petroleum), heavy naphtha solvent
64741997		Extracts, (petroleum), light naphtha solvent
64742014		Residual oils, (petroleum), solvent-refined
64742036		Extracts, (petroleum), light naphthenic distillate solvent
64742047		Extracts, (petroleum), heavy paraffinic distillate solvent
64742058		Extracts, (petroleum), light paraffinic distillate solvent
64742069		Extracts, (petroleum), middle distillate solvent
64742070		Raffinates, (petroleum), residual oil decarbonization
64742105		Extracts, (petroleum), residual oil solvent
64742116		Extracts, (petroleum), heavy naphthenic distillate solvent
64742150		Naphtha, (petroleum), acid-treated
64742161		Petroleum resins
64742183		Distillates, (petroleum), acid-treated heavy naphthenic
64742194		Distillates, (petroleum), acid-treated light naphthenic
64742229		Naphtha, (petroleum), chemically neutralized heavy
64742230		Naphtha, (petroleum), chemically neutralized light
64742241		Sludges, (petroleum), acid
64742252		Lubricating oils, (petroleum), acid-treated spent
64742296		Gas oils, (petroleum), chemically neutralized
64742309		Distillates, (petroleum), chemically neutralized middle
64742310		Distillates, (petroleum), chemically neutralized light
64742343		Distillates, (petroleum), chemically neutralized heavy naphthenic
64742354		Distillates, (petroleum), chemically neutralized light naphthenic
64742365		Distillates, (petroleum), clay-treated heavy paraffinic
64742376		Distillates, (petroleum), clay-treated light paraffinic
64742387		Distillates, petroleum, clay-treated middle

CAS Number	Indicator	Chemical
64742401		Neutralizing agents, (petroleum), spent sodium hydroxide
64742412		Residual oils, (petroleum), clay-treated
64742423		Hydrocarbon waxes, (petroleum), clay-treated microcryst.
64742434		Paraffin waxes, (petroleum), clay-treated
64742456		Distillates, (petroleum), clay-treated light naphthenic
64742467		Distillates, (petroleum), hydrotreated middle
64742478		Distillates, (petroleum), hydrotreated light
64742489		Naphtha, (petroleum), hydrotreated heavy
64742490		Naphtha, (petroleum), hydrotreated light
64742503		Lubricating oils, (petroleum), clay-treated spent
64742514		Paraffin waxes, (petroleum), hydrotreated
64742525		Distillates, (petroleum), hydrotreated heavy naphthenic
64742536		Distillates, (petroleum), hydrotreated light naphthenic
64742547		Distillates, (petroleum), hydrotreated heavy paraffinic
64742558		Distillates, (petroleum), hydrotreated light paraffinic
64742569		Distillates, (petroleum), solvent-dewaxed light paraffinic
64742570		Residual oils, (petroleum), hydrotreated
64742581		Lubricating oils, (petroleum), hydrotreated spent
64742592		Gas oils, (petroleum), hydrotreated vacuum
64742605		Hydrocarbon waxes, (petroleum), hydrotreated microcryst.
64742616		Slack wax, (petroleum)
64742627		Residual oils, (petroleum), solvent-dewaxed
64742638		Distillates, (petroleum), solvent-dewaxed heavy naphthenic
64742650		Distillates, (petroleum), solvent-dewaxed heavy paraffinic
64742672		Foots oil, (petroleum)
64742694		Naphthenic oils, (petroleum), catalytic dewaxed light
64742707		Paraffin oils, (petroleum), catalytic dewaxed heavy
64742718		Paraffin oils, (petroleum), catalytic dewaxed light
64742729		Distillates, (petroleum), catalytic dewaxed middle
64742730		Naphtha, (petroleum), hydrodesulfurized light
64742785		Residues, (petroleum), hydrodesulfurized atmospheric tower
64742796		Gas oils, (petroleum), hydrodesulfurized
64742809		Distillates, (petroleum), hydrodesulfurized middle
64742810		Kerosine, (petroleum), hydrodesulfurized
64742821		Naphtha, (petroleum), hydrodesulfurized heavy

CAS Number	Indicator*	Chemical
64742832		Naphtha, (petroleum), light steam-cracked
64742854		Residues, (petroleum), hydrodesulfurized vacuum
64742865		Gas oils, (petroleum), hydrodesulfurized heavy vacuum
64742876		Gas oils, (petroleum), hydrodesulfurized light vacuum
64742887		Solvent naphtha, (petroleum), medium aliph.
64742898		Solvent naphtha, (petroleum), light aliph.
64742901		Residues, (petroleum), steam-cracked
64742912		Distillates, (petroleum), steam-cracked
64742923		Petroleum resins, oxidized
64742934		Asphalt, oxidized
64742945		Solvent naphtha, (petroleum), heavy arom.
64742956		Solvent naphtha, (petroleum), light arom.
64742967		Solvent naphtha, (petroleum), heavy aliph.
64742989		Distillates, (petroleum), oxidized light
64743006		Hydrocarbon waxes, (petroleum), oxidized
64743017		Petrolatum, (petroleum), oxidized
64743028		Alkenes, C > 10 .alpha.-
64743039		Phenols, (petroleum)
64743051		Coke, (petroleum), calcined
64743062		Extracts, (petroleum), gas oil solvent
64743073		Sludges, (petroleum), chemically neutralized
64754898		Naphthenic acids, (petroleum), crude
64754934		Fatty acids, tall-oil, reaction products with polyethylenepolyamines, acetates
64755017	1	Fatty acids, tallow, calcium salts
64771717		Paraffins, (petroleum), normal C > 10
64771728		Paraffins, (petroleum), normal C5-20
65206908		Carbamic acid, (aminoiminomethyl)methyl-, dimethyl deriv., ethyl ester, monohyd
65381091		Decanoic acid, ester with 1,2,3-propanetriol octanoate
65652417		Phosphoric acid, bisO(1,1-dimethylethyl)phenyl@p phenyl ester
65817507		1,2-Ethanediamine, N-(2-aminoethyl)-N'-O2-O2-(8-heptadecenyl)-4,5-dihydro-1H-im
65996636		Starch, acid-hydrolyzed
65996647		Starch, enzyme-hydrolyzed
65996772		Coke, (coal)

CAS Number	Indicator*	Chemical
65996783		Light oil, (coal), coke-oven
65996794		Solvent naphtha, (coal)
65996807		Ammonia liquor, (coal)
65996818		Fuel gases, coke-oven
65996829		Tar oils, coal
65996830		Extracts, coal tar oil alk.
65996863		Extract oils, (coal), tar base
65996874		Extract residues, (coal), tar oil alk.
65996896		Tar, coal, high-temp.
65996910		Distillates, (coal tar), upper
65996921		Distillates, (coal tar)
65996932	2	Pitch, coal tar, high-temp.
65996965		Terpenes and Terpenoids, turpentine-oil, .alpha.-pinene fraction
65996976		Terpenes and Terpenoids, turpentine-oil, .beta.-pinene fraction
65996987		Terpenes and Terpenoids, limonene fraction
65996998		Terpenes and Terpenoids, turpentine-oil, limonene fraction
65997015		Tall oil, sodium salt
65997026		Wastewater, tall-oil soap acidulation
65997037		Fatty acids, tall-oil, low-boiling
65997048		Rosin, fumarated
65997060		Rosin, hydrogenated
65997139		Resin acids and Rosin acids, hydrogenated, esters with glycerol
66028011		Benzene, 1-O2-O2-(2-chloroethoxy)ethoxy@pethoxy@p-4-octyl-
66071929		Sulfite liquors and Cooking liquors, spent
66071941		Corn, steep liquor
66241110		C.I. Leuco Sulphur Black 1
66346018		3-Pentanone, 1-(4-chlorophenyl)-4,4-dimethyl-
66455172		Alcohols, C9-11
66697276		Benzene, 1,2-dimethyltetrapropylene-
67124098		2-Propanol, 1-(tert-dodecylthio)-
67700996		Amines, di-C14-18-alkylmethyl
67701024		Fatty acids, C14-18
67701035		Fatty acids, C16-18
67701057		Fatty acids, C8-18 and C18-unsatd.
67701068		Fatty acids, C14-18 and C16-18-unsatd.

CAS Number	Indicator*	Chemical
67701079		Fatty acids, C16 and C18-unsatd.
67701080		Fatty acids, C16-18 and C18-unsatd.
67701091		Fatty acids, C8-18 and C18-unsatd., potassium salts
67701104		Fatty acids, C8-18 and C18-unsatd., sodium salts
67701115		Fatty acids, C14-18 and C16-18-unsatd., sodium salts
67701126		Fatty acids, C14-18 and C16-18-unsatd., zinc salts
67701273		Glycerides, C14-18
67701284		Glycerides, C8-18 and C18-unsatd.
67701295		Glycerides, C14-18 and C16-18-unsatd.
67701308		Glycerides, C16-18 and C18-unsatd.
67701320		Glycerides, C14-18 and C16-18-unsatd. mono- and di-
67762190		Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers,
67762258		Alcohols, C12-18
67762269		Fatty acids, C14-18 and C16-18-unsatd., Me esters
67762270		Alcohols, C16-18
67762305		Alcohols, C14-18
67762349		Fatty acids, C8-18 and C18-unsatd., zinc salts
67762361		Fatty acids, C6-12
67762372		Fatty acids, C8-18 and C18-unsatd., Me esters
67762383		Fatty acids, C16-18 and C18-unsatd., Me esters
67762394		Fatty acids, C6-12, Me esters
67762407		Fatty acids, C10-16, Me esters
67762418		Alcohols, C10-16
67762441		Fatty acids, C6-12, sodium salts
67762521		Carboxylic acids, C5-9, hexaesters with dipentaerythritol
67762532		Carboxylic acids, C5-9, tetraesters with pentaerythritol
67762554		Alkenes, C15-18 .alpha.-, sulfurized
67762725		2,5-Pyrrolidinedione, 1-O2-O02-O02-O(2-aminoethyl)amino@pethyl@pamino@pethyl@pamino
67762770		2,5-Furandione, dihydro-, monopolyisobutylene derivs.
67762792		2,5-Furandione, dihydro-, monopolybutenyl derivs.
67763148		Phosphoric acid, mono(2-ethylhexyl) ester, compd. with tert-dodecanamine
67774747	2	Benzene, C10-13-alkyl derivs.
67784774		Quaternary ammonium compounds, bis(hydroxyethyl)methyltallow alkyl, chlorides

CAS Number	Indicator*	Chemical
67845265		4H-Pyran-4-one, tetrahydro-3,5-bis(hydroxymethyl)-
67859512		Zincate(2-), OON,N'-1,2-ethanediylbisON-(carboxymethyl)glycinato@p@p(4-)-N,N',O,O
67891796		Distillates, (petroleum), heavy arom.
67891809		Distillates, (petroleum), light arom.
67905275		1-Octacosanol, aluminum salt
67905286		1-Hexacosanol, aluminum salt
67905297		1-Tetracosanol, aluminum salt
67905300		1-Docosanol, aluminum salt
67905311		1-Eicosanol, aluminum salt
67905322		1-Tetradecanol, aluminum salt
67906303		2H-1-Benzopyran-2-one, 7-O(2-amino-1-naphthalenyl)azo@p-3-phenyl-
67953768		Phosphonic acid, (1-hydroxyethylidene)bis-, potassium salt
67989235		1,2,4-Benzenetricarboxylic acid, decyl octyl ester
67989246		9-Octadecenoic acid (Z)-, ester with 2,2-dimethyl-1,3-propanediol
67998941		Octadecanoic acid, sulfo-, sodium salt
68002584		Quaternary ammonium compounds, di-C14-18-alkyldimethyl, Me sulfates
68002595		Quaternary ammonium compounds, di-C14-18-alkyldimethyl, chlorides
68002642		Nitriles, C16 and C18-unsatd.
68002653		Nitriles, C16-18
68002675		Nitriles, C6-12
68002799		Fatty acids, C14-18 and C16-18 unsatd., triesters with trimethylolpropane
68002802		Fatty acids, C14-18 and C16-18-unsatd., potassium salts
68002835		Fatty acids, C16 and C18-unsatd. and C18-unsatd. hydroxy, compds. with isopropa
68002879		Fatty acids, C14-18 and C16-22-unsatd.
68002904		Fatty acids, C10-16
68037912		Amines, C14-18-alkyl
68037945		Amines, C8-18 and C18-unsatd. alkyl
68037956		Amines, C16-18 and C18-unsatd. alkyl
68038324		Fatty acids, vegetable-oil, esters with neopentyl glycol
68052493		1,6-Hexanediaminium, N,N,N',N'-tetrabutyl-N,N'-diethyl-, bis(ethyl sulfate)
68081776		Benzene, polypropene derivs.
68081812	2	Benzenesulfonic acid, mono-C10-16-alkyl derivs., sodium salts
68081845		Oxirane, monoO(C10-16-alkyloxy)methyl@p derivs.

CAS Number	Indicator*	Chemical
68081867		Phenol, nonyl derivs.
68081969		Sulfuric acid, mono-C10-16-alkyl esters, ammonium salts
68081981		Sulfuric acid, mono-C14-18-alkyl esters, sodium salts
68082644		Fatty acids, vegetable-oil, sodium salts
68082780		Lard, oil, Me esters
68130518		Decanoic acid, mixed esters with heptanoic acid, isovaleric acid, octanoic acid
68130530		Decanoic acid, mixed esters with heptanoic acid, octanoic acid and trimethylolp
68131044		Humic acids, sodium salts
68131055		Hydrocarbon oils, process blends
68131135		Naphthenic acids, reaction products with diethylenetriamine
68131306		Sulfite liquors and Cooking liquors, green
68131339		Sulfite liquors and Cooking liquors, white
68131726		Polyphosphoric acids, esters with triethanolamine, sodium salts
68131748		Ashes, (residues)
68131759		Gases, (petroleum), C3-4
68132467		Fatty acids, tall-oil, compds. with triethanolamine
68140001		Amides, coco, N-(hydroxyethyl)
68140012		Amides, coco, N-O3-(dimethylamino)propyl ^{op}
68140089		Amides, tallow, N,N-bis(hydroxyethyl)
68140169		Tall-oil pitch, sodium salt
68152921		Tall oil, disproportionated
68153026		Nitriles, C16-22
68153220		Paraffin waxes and Hydrocarbon waxes, oxidized
68153231		Peanut oil, glycerol trioleate-enriched, sulfated, sodium salt
68153300		Quaternary ammonium compounds, benzylbis(hydrogenated tallow alkyl)methyl, salt
68153606		Fatty acids, tall-oil, reaction products with diethylenetriamine, acetates
68153957		Amines, di-C12-18-alkyl
68154245		Fatty acids, C8-18 and C18-unsatd., compds. with triethanolamine
68154369		Fatty acids, coco, monoesters with sorbitan
68155204		Amides, tall-oil fatty, N,N-bis(hydroxyethyl)
68155384		Amines, C14-18 and C16-18-unsatd. alkyl
68186141		Resin acids and Rosin acids, Me esters
68186367		Poly(oxy-1,2-ethanediyl), .alpha.-tridecyl-.omega.-hydroxy-, phosphate, potassi

CAS Number	Indicator*	Chemical
68187417		Phosphorodithioic acid, O,O-di-C1-14-alkyl esters
68187575		Pitch, coal tar-petroleum
68187586		Pitch, petroleum, arom.
68187597		Coal, anthracite, calcined
68187600		Hydrocarbons, C4, ethane-propane-cracked
68187757		Fats and Glyceridic oils, fish, oxidized
68187768		Castor oil, sulfated, sodium salt
68187848		Castor oil, oxidized
68188158		Slimes and Sludges, papermaking, secondary
68188181		Paraffin oils, chlorosulfonated, saponified
68188818	1	Grease, poultry
68201321		Asphalt, sulfonated, sodium salt
68201592		Resin acids and Rosin acids, fumarated, sodium salts
68227463		Propanoic acid, 2-hydroxy-, compd. with 3-O2-(dimethylamino)ethyl@p 1-(2-ethylhe
68239190		Propanenitrile, 3-(tridecyloxy)-
68307982		Tail gas, (petroleum), catalytic cracked distillate and catalytic cracked napht
68308010		Tail gas, (petroleum), cracked distillate hydrotreater stripper
68308032		Tail gas, (petroleum), gas oil catalytic cracking absorber
68308043		Tail gas, (petroleum), gas recovery plant
68308054		Tail gas, (petroleum), gas recovery plant deethanizer
68308065		Tail gas, (petroleum), hydrodesulfurized distillate and hydrodesulfurized napht
68308076		Tail gas, (petroleum), hydrodesulfurized vacuum gas oil stripper, hydrogen sulf
68308087		Tail gas, (petroleum), isomerized naphtha fractionation stabilizer
68308101		Tail gas, (petroleum), straight-run distillate hydrodesulfurizer, hydrogen sulf
68308112		Tail gas, (petroleum), propane-propylene alkylation feed prep deethanizer
68308123		Tail gas, (petroleum), vacuum gas oil hydrodesulfurizer, hydrogen sulfide-free
68308270		Fuel gases, refinery
68308349		Shale oils
68308532		Fatty acids, soya
68308678		Quaternary ammonium compounds, ethyldimethylsoya alkyl, Et sulfates
68308747		Amides, tall-oil fatty, N,N-di-Me
68309160		Fatty acids, tall-oil, 2-(2-hydroxyethoxy)ethyl esters
68309273		Fatty acids, tall-oil, sulfonated, sodium salts
68333222		Residues, (petroleum), atmospheric

CAS Number	Indicator*	Chemical
68333233		Naphtha, (petroleum), heavy coker
68333255		Distillates, (petroleum), hydrodesulfurized light catalytic cracked
68333266		Clarified oils, (petroleum), hydrodesulfurized catalytic cracked
68333277		Distillates, (petroleum), hydrodesulfurized intermediate catalytic cracked
68333299		Residues, (petroleum), light naphtha solvent extracts
68333802		Alcohols, C14-16
68333880		Aromatic hydrocarbons, C9-17
68334009	1	Cottonseed oil, hydrogenated
68334010		Disulfides, alkylaryl dialkyl diaryl, petroleum refinery spent caustic oxidn. p
68334032		Fatty acids, C12-20 and C12-20-unsatd.
68334134		Fatty acids, tall-oil, 2-ethylhexyl esters
68334189		Fatty acids, tall-oil, tetraesters with pentaerythritol
68334281		Fats and Glyceridic oils, vegetable, hydrogenated
68334305		Fuels, diesel
68334407		Terpenes and Terpenoids, limonene fraction, distr. residues
68334623		Propanoic acid, 3-(hydroxymethylphosphinyl)-, mono(2-hydroxyethyl) ester
68390567		Fatty acids, tallow, hydrogenated, dimers, diketene derivs.
68390965		Hydrocarbons, C3, chloro
68391015		Quaternary ammonium compounds, benzyl-C12-18-alkyldimethyl, chlorides
68391059		Quaternary ammonium compounds, di-C12-18-alkyldimethyl, chlorides
68391117		Pyridine, alkyl derivs.
68409767	1	Bone meal, steamed
68409994		Gases, (petroleum), catalytic cracked overheads
68410004		Distillates, (petroleum), crude oil
68410059		Distillates, (petroleum), straight-run light
68410231		Fatty acids, C18-unsatd., dimers, reaction products with polyethylenepolyamines
68410639		Natural gas, dried
68410695		Poly(oxy-1,2-ethanediyl), .alpha.-O2-Obis(2-aminoethyl)methylammonio@pethyl@p-.om
68410719		Raffinates, (petroleum), catalytic reformer ethylene glycol-water countercurren
68410968		Distillates, (petroleum), hydrotreated middle, intermediate boiling
68410979		Distillates, (petroleum), light distillate hydrotreating process, low-boiling
68410980		Distillates, (petroleum), hydrotreated heavy naphtha, deisohexanizer overheads
68411007		Alkenes, C > 8

CAS Number	Indicator*	Chemical
68411325		Benzenesulfonic acid, dodecyl-, branched
68411449		Benzene, butyl-, branched and linear
68411461		Benzenamine, N-phenyl-, reaction products with 2,4,4-trimethylpentene
68411585		2,5-Furandione, 3-(dodecenyl)dihydro-, reaction products with propylene oxide
68411723		Ethane, chloro derivs.
68411767		Cyclohexane, oxidized, non-volatile residue
68411814		2-Imidazolidinone, 4,5-dihydroxy-1,3-bis(hydroxymethyl)-, methylated
68411905		Hexanedinitrile, hydrogenated, high-boiling fraction
68412044		1,6-Octadiene, 7-methyl-3-methylene-, acetylated
68412408		Pyridine, chloro derivs.
68412588		Phosphorodithioic acid, mixed hexyl and iso-Pr esters, zinc salts
68412602		Phosphoric acid, mixed decyl and Et and octyl esters
68412839		Sulfuric acid, mono-C8-30-alkyl esters, compds. with triethanolamine
68424317		Fatty acids, C5-10, esters with pentaerythritol
68424373		Fatty acids, C14-22
68424384		Fatty acids, C16-18, sodium salts
68424602		Glycerides, C16-22 and C18-unsatd.
68424851		Quaternary ammonium compounds, benzyl-C12-16-alkyldimethyl, chlorides
68425081		Rosin, distn. overheads
68425161		Polysulfides, di-tert-nonyl
68425172	1	Syrups, hydrolyzed starch, hydrogenated
68425310		Gasoline, (natural gas), natural
68425343		Petrolatum, (petroleum), oxidized, calcium salt
68425478		Amides, soya, N,N-bis(hydroxyethyl)
68439576		Sulfonic acids, C14-16-alkane hydroxy and C14-16-alkene, sodium salts
68439805		Amines, polyethylenepoly-, reaction products with succinic anhydride polybuteny
68439861	1	Bone, ash
68440153		Fatty acids, palm-oil
68441098		Hydrocarbon waxes, (petroleum), clay-treated microcryst., contg. polyethylene,
68441667		Decanoic acid, mixed esters with dipentaerythritol, octanoic acid and valeric a
68442126		9-Octadecenoic acid (Z)-, 2-mercaptoethyl ester, reaction products with dichlor
68442604		Acetaldehyde, reaction products with formaldehyde, by-products from
68442693	2	Benzene, mono-C10-14-alkyl derivs.

CAS Number	Indicator*	Chemical
68442773		2-Butenediamide, (E)-, N,N'-bisO2-(4,5-dihydro-2-nortall-oil alkyl-1H-imidazol-
68442977		1H-Imidazole-1-ethanamine, 4,5-dihydro-, 2-nortall-oil alkyl derivs.
68443856		Isooctadecanoic acid, monoamide with 2-O(2-aminoethyl)amino@pethanol
68457136		Cobalt, borate neodecanoate complexes
68457749		Phenol, isobutylenated methylstyrenated
68457794		Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters, zinc salts
68457852		Sulfuric acid, esters, wastes
68475581		Alkanes, C2-3
68475592		Alkanes, C3-4
68475605		Alkanes, C4-5
68475796		Distillates, (petroleum), catalytic reformed depentanizer
68475809		Distillates, (petroleum), light steam-cracked naphtha
68476039		Fatty acids, montan-wax
68476051		Fatty acids, montan-wax, 2-hydroxyethyl esters
68476266		Fuel gases
68476277		Fuel gases, amine system residues
68476288		Fuel gases, C6-8 catalytic reformer
68476299		Fuel gases, crude oil distillates
68476302		Fuel oil, no. 2
68476313		Fuel oil, no. 4
68476324		Fuel oil, residues-straight-run gas oils, high-sulfur
68476335		Fuel oil, residual
68476346		Fuels, diesel, no. 2
68476404		Hydrocarbons, C3-4
68476426		Hydrocarbons, C4-5
68476437		Hydrocarbons, C4-6, C5-rich
68476448		Hydrocarbons, C > 3
68476459		Hydrocarbons, C5-10 arom. conc., ethylene-manuf.-by-product
68476460		Hydrocarbons, C3-11, catalytic cracker distillates
68476482		Hydrocarbons, C2-6, chloro
68476493		Hydrocarbons, C2-4, C3-rich
68476506		Hydrocarbons, C.gtoeq.5, C5-6-rich
68476528		Hydrocarbons, C4, ethylene-manuf.-by-product
68476539		Hydrocarbons, C.gtoeq.20, petroleum wastes
68476551		Hydrocarbons, C5-rich

CAS Number	Indicator*	Chemical
68476562		Hydrocarbons, cyclic C5 and C6
68476788	1	Molasses
68476802		Fats and Glyceridic oils, vegetable, deodorizer distillates
68476857		Petroleum gases, liquefied
68476868		Petroleum gases, liquefied, sweetened
68477225		Benzene, ethenyl-, distn. residues, thermally cracked
68477258		Waste gases, vent gas, C1-6
68477269		Wastes, petroleum
68477270		Waste solids, pulp mill
68477316		Distillates, (petroleum), catalytic reformer fractionator residue, low-boiling
68477338		Gases, (petroleum), C3-4, isobutane-rich
68477349		Distillates, (petroleum), C3-5, 2-methyl-2-butene-rich
68477350		Distillates, (petroleum), C3-6, piperylene-rich
68477429		Gases, (petroleum), extractive, C3-5, butene-isobutylene-rich
68477474		Distillates, (petroleum), mixed heavy olefin vacuum, heart-cut
68477543		Distillates, (petroleum), steam-cracked, C8-12 fraction
68477587		Distillates, (petroleum), steam-cracked petroleum distillates, C5-18 fraction
68477634		Extracts, (petroleum), reformer recycle
68477656		Gases, (petroleum), amine system feed
68477667		Gases, (petroleum), benzene unit hydrodesulfurizer off
68477678		Gases, (petroleum), benzene unit recycle, hydrogen-rich
68477689		Gases, (petroleum), blend oil, hydrogen-nitrogen-rich
68477690		Gases, (petroleum), butane splitter overheads
68477703		Gases, (petroleum), C2-3
68477714		Gases, (petroleum), catalytic-cracked gas oil depropanizer bottoms, C4-rich aci
68477725		Gases, (petroleum), catalytic-cracked naphtha debutanizer bottoms, C3-5-rich
68477736		Gases, (petroleum), catalytic cracked naphtha depropanizer overhead, C3-rich ac
68477747		Gases, (petroleum), catalytic cracker
68477758		Gases, (petroleum), catalytic cracker, C1-5-rich
68477770		Gases, (petroleum), catalytic reformed naphtha stripper overheads
68477792		Gases, (petroleum), catalytic reformer, C1-4-rich
68477805		Gases, (petroleum), C6-8 catalytic reformer recycle
68477816		Gases, (petroleum), C6-8 catalytic reformer
68477827		Gases, (petroleum), C6-8 catalytic reformer recycle, hydrogen-rich

CAS Number	Indicator*	Chemical
68477838		Gases, (petroleum), C3-5 olefinic-paraffinic alkylation feed
68477850		Gases, (petroleum), C4-rich
68477861		Gases, (petroleum), deethanizer overheads
68477872		Gases, (petroleum), deisobutanizer tower overheads
68477883		Gases, (petroleum), deethanizer overheads, C3-rich
68477894		Distillates, (petroleum), depentanizer overheads
68477907		Gases, (petroleum), depropanizer dry, propene-rich
68477918		Gases, (petroleum), depropanizer overheads
68477929		Gases, (petroleum), dry sour, gas-concn.-unit-off
68477941		Gases, (petroleum), gas recovery plant depropanizer overheads
68477952		Gases, (petroleum), Girbatol unit feed
68477974		Gases, (petroleum), hydrogen-rich
68477985		Gases, (petroleum), hydrotreater blend oil recycle, hydrogen-nitrogen-rich
68477996		Gases, (petroleum), isomerized naphtha fractionater, C4-rich, hydrogen sulfide-
68478002		Gases, (petroleum), recycle, hydrogen-rich
68478013		Gases, (petroleum), reformer make-up, hydrogen-rich
68478024		Gases, (petroleum), reforming hydrotreater
68478035		Gases, (petroleum), reforming hydrotreater, hydrogen-methane-rich
68478046		Gases, (petroleum), reforming hydrotreater make-up, hydrogen-rich
68478057		Gases, (petroleum), thermal cracking distn.
68478080		Naphtha, (petroleum), light steam-cracked, C5-fraction, oligomer conc.
68478104		Naphtha, (petroleum), light steam-cracked, debenzenized, C8-16-cycloalkadiene c
68478126		Residues, (petroleum), butane splitter bottoms
68478137		Residues, (petroleum), catalytic reformer fractionator residue distn.
68478159		Residues, (petroleum), C6-8 catalytic reformer
68478160		Residual oils, (petroleum), deisobutanizer tower
68478171		Residues, (petroleum), heavy coker gas oil and vacuum gas oil
68478193		Residual oils, (petroleum), propene purifn. splitter
68478206		Residues, (petroleum), steam-cracked petroleum distillates cyclopentadiene conc
68478240		Tail gas, (petroleum), catalytic cracker, catalytic reformer and hydrodesulfuri
68478251		Tail gas, (petroleum), catalytic cracker refractionation absorber
68478262		Tail gas, (petroleum), catalytic reformed naphtha fractionation stabilizer
68478273		Tail gas, (petroleum), catalytic reformed naphtha separator

CAS Number	Indicator*	Chemical
68478284		Tail gas, (petroleum), catalytic reformed naphtha stabilizer
68478295		Tail gas, (petroleum), cracked distillate hydrotreater separator
68478308		Tail gas, (petroleum), hydrodesulfurized straight-run naphtha separator
68478320		Tail gas, (petroleum), saturate gas plant mixed stream, C4-rich
68478331		Tail gas, (petroleum), saturate gas recovery plant, C1-2-rich
68478342		Tail gas, (petroleum), vacuum residues thermal cracker
68479049		1,3-Propanediamine, N-O3-(tridecyloxy)propyl@p-, branched
68479094		2-Propenoic acid, telomer with sodium hydrogen sulfite, sodium salt
68479981		Benzenediamine, ar,ar-diethyl-ar-methyl-
68511400		1-Propanamine, 3-(tridecyloxy)-, branched
68511502		1-Propene, 2-methyl-, sulfurized
68512027		Benzene, (tetrapropenyl) derivs.
68512629		Residues, (petroleum), light vacuum
68512630		Benzene, ethenyl-, distn. residues
68512914		Hydrocarbons, C3-4-rich, petroleum distillates
68513020		Naphtha, (petroleum), full-range coker
68513031		Naphtha, (petroleum), light catalytic reformed, arom.-free
68513111		Fuel gases, hydrotreater fractionation, scrubbed
68513122		Fuel gases, saturate gas unit fractionater-absorber overheads
68513133		Fuel gases, thermal cracked catalytic cracking residue
68513144		Gases, (petroleum), catalytic reformed straight-run naphtha stabilizer overhead
68513155		Gases, (petroleum), full-range straight-run naphtha dehexanizer off
68513166		Gases, (petroleum), hydrocracking depropanizer off, hydrocarbon-rich
68513177		Gases, (petroleum), light straight-run naphtha stabilizer off
68513188		Gases, (petroleum), reformer effluent high-pressure flash drum off
68513199		Gases, (petroleum), reformer effluent low-pressure flash drum off
68513622		Disulfides, C5-12-alkyl
68513633		Distillates, (petroleum), catalytic reformed straight-run naphtha overheads
68513655		Butane, branched and linear
68513666		Residues, (petroleum), alkylation splitter, C4-rich
68513688		Residues, (petroleum), deethanizer tower
68513699		Residues, (petroleum), steam-cracked light
68514067		Sulfite liquors and Cooking liquors, black, vanillin
68514158		Gasoline, vapor-recovery
68514272	1	Grease, catch basin

CAS Number	Indicator*	Chemical
68514318		Hydrocarbons, C1-4
68514329		Hydrocarbons, C10 and C12, olefin-rich
68514330		Hydrocarbons, C12 and C14, olefin-rich
68514341		Hydrocarbons, C9-14, ethylene-manuf.-by-product
68514363		Hydrocarbons, C1-4, sweetened
68514385		Hydrocarbons, C4-10-unsatd.
68514396		Naphtha, (petroleum), light steam-cracked, isoprene-rich
68514410		Ketones, C12-branched
68514670		Nitriles, soya
68514681		Nitriles, tall oil fatty
68514749	1	Palm oil, hydrogenated
68514794		Petroleum products, hydrofiner-powerformer reformates
68515253		Benzene, C1-9-alkyl derivs.
68515322		Benzene, mono-C12-14-alkyl derivs., fractionation bottoms
68515355		Benzene, mono-C10-12-alkyl derivs., fractionation bottoms, light ends
68515402		1,2-Benzenedicarboxylic acid, benzyl C7-9-branched and linear alkyl esters
68515435		1,2-Benzenedicarboxylic acid, di-C9-11-branched and linear alkyl esters
68515446		1,2-Benzenedicarboxylic acid, diheptyl ester, branched and linear
68515457		1,2-Benzenedicarboxylic acid, dinonyl ester, branched and linear
68515479		1,2-Benzenedicarboxylic acid, di-C11-14-branched alkyl esters, C13-rich
68515480	2	1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich
68515491	2	1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich
68515504		1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear
68515753		Hexanedioic acid, di-C7-9-branched and linear alkyl esters
68515888		Pentene, 2,4,4-trimethyl-, sulfurized
68515899		Barium, carbonate nonylphenol complexes
68515935		Phenol, nonyl derivs., sulfides
68516018		Phosphorodithioic acid, mixed O,O-bis(iso-Bu and pentyl) esters
68516187		Decene, hydroformylation products
68516201		Naphtha, (petroleum), steam-cracked middle arom.
68525871	1	Corn oil, hydrogenated
68526523		Alkenes, C6
68526534		Alkenes, C6-8, C7-rich
68526545		Alkenes, C7-9, C8-rich
68526556		Alkenes, C8-10, C9-rich

CAS Number	Indicator*	Chemical
68526578		Alkenes, C10-12, C11-rich
68526589		Alkenes, C11-13, C12-rich
68526772		Aromatic hydrocarbons, ethane cracking scrubber effluent and flare drum
68526794		Hexanol, branched and linear
68526829		Alkenes, C6-10, hydroformylation products, high-boiling
68526841		Alcohols, C8-10-iso-, C9-rich
68526852		Alcohols, C9-11-iso-, C10-rich
68526863		Alcohols, C11-14-iso-, C13-rich
68526885		Heptene, hydroformylation products, high-boiling
68526896		Octene, hydroformylation products, high-boiling
68526909		Nonene, hydroformylation products, high-boiling
68526910		Dodecene, hydroformylation products, high-boiling
68526921		Dodecene, hydroformylation products, low-boiling
68526932		Nonene, hydroformylation products, low-boiling
68526965		Heptene, hydroformylation products, low-boiling
68527026		Alkenes, C12-24, chloro
68527037		Pentene, hydroformylation products
68527048		Heptene, hydroformylation products
68527059		Octene, hydroformylation products
68527060		Dodecene, hydroformylation products
68527117		Alkenes, C5
68527139		Gases, (petroleum), acid, ethanolamine scrubber
68527151		Gases, (petroleum), oil refinery gas distr. off
68527162		Hydrocarbons, C1-3
68527184		Gas oils, (petroleum), steam-cracked
68527195		Hydrocarbons, C1-4, debutanizer fraction
68527219		Naphtha, (petroleum), clay-treated full-range straight-run
68527220		Naphtha, (petroleum), clay-treated light straight-run
68527264		Naphtha, (petroleum), light steam-cracked, debenzenized
68527275		Naphtha, (petroleum), full-range alkylate, butane-contg.
68551100		1-Propene, hydroformylation products
68551111		1-Propene, hydroformylation products, high-boiling
68551166		Alkanes, C9-11-iso-
68551177		Alkanes, C10-13-iso-
68551199		Alkanes, C12-14-iso-

CAS Number	Indicator*	Chemical
68551202		Alkanes, C13-16-iso-
68553004		Fuel oil, no. 6
68553015		C.I. Pigment Green 51
68553140		Hydrocarbons, C8-11
68555088		Steroids, hydroxy
68555248		Tar acids, cresylic, residues
68583528		Decanoic acid, mixed diesters with octanoic acid and triethylene glycol
68583755		2,5-Furandione, dihydro-, polybutenyl derivs., reaction products with tetraethy
68584225		Benzenesulfonic acid, C10-16-alkyl derivs.
68584258		Benzenesulfonic acid, C10-16-alkyl derivs., compds. with triethanolamine
68585342		Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C10-16-alkyl ethers,
68585477		Sulfuric acid, mono-C10-16-alkyl esters, sodium salts
68602799		Distillates, (petroleum), benzene unit hydrotreater dipentanizer overheads
68602813		Distillates, hydrocarbon resin prodn. higher boiling
68602824		Gases, (petroleum), benzene unit hydrotreater depentenizer overheads
68602835		Gases, (petroleum), C1-5, wet
68602846		Gases, (petroleum), secondary absorber off, fluidized catalytic cracker overhea
68602857		Hydrocarbon waxes, (petroleum), oxidized, Me esters
68603009		Distillates, (petroleum), thermal cracked naphtha and gas oil
68603010		Distillates, (petroleum), thermal cracked naphtha and gas oil, C5-dimer-contg.
68603021		Distillates, (petroleum), thermal cracked naphtha and gas oil, dimerized
68603087		Naphtha, (petroleum), arom.-contg.
68603101		Hydrocarbon waxes, (petroleum), oxidized, Me esters, barium salts
68603112		Hydrocarbon waxes, (petroleum), oxidized, Me esters, calcium salts
68603123		Hydrocarbon waxes, (petroleum), oxidized, Me esters, sodium salts
68603156		Alcohols, C6-12
68603178		Alcohols, C16-18, distn. residues
68603189		Alcohols, C10-16, distn. residues
68603190		Alcohols, C14-18, distn. residues
68603429		Amides, coco, N,N-bis(hydroxyethyl)
68603849		Carboxylic acids, C5-9
68604397		Fatty acids, C8-18 and C18-unsatd., Me esters, distn. residues
68606097		Fuel gases, expander off
68606100		Gasoline, pyrolysis, debutanizer bottoms
68606111		Gasoline, straight-run, topping-plant

CAS Number	Indicator	Chemical
68606246		Hydrocarbons, C4, butene concentrator by-product
68606257		Hydrocarbons, C2-4
68606268		Hydrocarbons, C3
68606279		Gases, (petroleum), alkylation feed
68606280		Hydrocarbons, C5 and C10-aliph. and C6-8-arom.
68606315		Hydrocarbons, C3-5, butadiene purifn. by-product
68606337		Hydrocarbons, C1-6, chloro
68606348		Gases, (petroleum), depropanizer bottoms fractionation off
68606360		Hydrocarbons, C5-unsatd. rich, isoprene purifn. by-product
68607114		Petroleum products, refinery gases
68607283		Quaternary ammonium compounds, (oxydi-2,1-ethanediyl)bisOcoco alkyldimethyl, di
68607294		Quaternary ammonium compounds, pentamethyltallow alkyltrimethylenedi-, dichlori
68607307		Residues, (petroleum), topping plant, low-sulfur
68608264		Sulfonic acids, petroleum, sodium salts
68608593		Ethane, 1,2-dichloro-, manuf. of, by-products from, distn. lights
68608775		Benzenamine, 2-ethyl-N-(2-ethylphenyl)-, (tripropenyl) derivs.
68608800		Benzene, C6-12-alkyl derivs.
68608822		Benzene, ethylenated, by-products from
68608888		Benzenesulfonic acid, mono-C11-13-branched alkyl derivs.
68609041		Cyclohexane, oxidized, non-acidic by-products, distn. residues
68609052		Cyclohexane, oxidized, non-acidic by-products, distn. lights
68609643		1,6-Hexanediol, distn. intermediates
68609687		1-Hexanol, 2-ethyl-, manuf. of, by-products from, distn. residues
68609927		9-Octadecenoic acid (Z)-, epoxidized, ester with propylene glycol
68609972		Oxirane, monoO(C12-14-alkyloxy)methyl@p derivs.
68610220		Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-18-alkyl ethers,
68610515		Phenol, 4-methyl-, reaction products with dicyclopentadiene and isobutylene
68610902		2-Butenedioic acid (E)-, di-C8-18-alkyl esters
68611449		Silane, dichlorodimethyl-, reaction products with silica
68611552		Sulfuric acid, mono-C10-16-alkyl esters
68611643		Urea, reaction products with formaldehyde
68647198		Phosphoric acid, isooctyl ester, potassium salt
68647609		Hydrocarbons, C > 4

CAS Number	Indicator*	Chemical
68647723		Terpenes and Terpenoids, sweet orange-oil
68648248		Fatty acids, vegetable-oil, unsatd.
68648282		Linseed oil, ester with pentaerythritol
68648873	2	Benzene, C10-16-alkyl derivs.
68648931		1,2-Benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters
68649127		1-Decene, tetramer, mixed with 1-decene trimer, hydrogenated
68649423		Phosphorodithioic acid, O,O-di-C1-14-alkyl esters, zinc salts
68649434		Phosphorodithioic acid, O,O-dioctyl ester, branched
68649832		Resin acids and Rosin acids, fumarated, potassium salts
68650362		Aromatic hydrocarbons, C8, o-xylene-lean
68782978		Distillates, (petroleum), hydrofined lubricating-oil
68783051		Gases, (petroleum), ammonia-hydrogen sulfide, water-satd.
68783062		Gases, (petroleum), hydrocracking low-pressure separator
68783073		Gases, (petroleum), refinery blend
68783084		Gas oils, (petroleum), heavy atmospheric
68783120		Naphtha, (petroleum), unsweetened
68783131		Residues, (petroleum), coker scrubber, condensed-ring-arom.-contg.
68783244		Amines, ditallow alkyl
68783415		Fatty acids, C18-unsatd., dimers, hydrogenated
68783619		Fuel gases, refinery, sweetened
68783620		Fuel gases, refinery, unsweetened
68783642		Gases, (petroleum), catalytic cracking
68783653		Gases, (petroleum), C2-4, sweetened
68783664		Naphtha, (petroleum), light, sweetened
68783788		Quaternary ammonium compounds, dimethylditallow alkyl, chlorides
68783824		Rosin, low-boiling fraction
68783960		Sulfonic acids, petroleum, calcium salts, overbased
68784178		Isooctadecanoic acid, reaction products with tetraethylenepentamine
68784269		Phenol, dodecyl-, sulfurized, carbonates, calcium salts, overbased
68784305		Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters
68784316		Phosphorodithioic acid, mixed O,O-bis(sec-Bu and 1,3-dimethylbutyl) esters, zin
68784327		Phosphorodithioic acid, mixed O,O-bis(2-ethylhexyl and iso-Bu) esters
68784383		1-Propanamine, 3-(C8-10-alkyloxy) derivs.
68784394		Propanenitrile, 3-(C8-10-alkyloxy) derivs.

CAS Number	Indicator	Chemical
68784703		Propanenitrile, 3-amino-, N-tallow alkyl derivs.
68814471		Waste gases, refinery vent
68814675		Gases, (petroleum), refinery
68814879		Distillates, (petroleum), full-range straight-run middle
68814904		Gases, (petroleum), platformer products separator off
68815509		Octadecanoic acid, reaction products with 2-O(2-aminoethyl)aminoethanol
68815678		Phenol, thiobisotetrapropylene-
68855243		Benzene, C14-30-alkyl derivs.
68855345		Formaldehyde, reaction products with calcium hydroxide, dodecylphenol, methylam
68855458		Phenol, dodecyl-, sulfurized, calcium salts
68855583		Alkenes, C10-16 .alpha.-
68855594		Alkenes, C14-18 .alpha.-
68855607		Alkenes, C14-20 .alpha.-
68876879		1-Hexanol, 2-ethyl-, C5-12 dicarboxylates (2:1)
68891383		Poly(oxy-1,2-ethanediyl), .alpha.-sulfo-.omega.-hydroxy-, C12-14-alkyl ethers,
68908974		Aluminum, tri-C2-20-alkyl complexes
68909182		Pyridinium, 1-(phenylmethyl)-, Et Me derivs., chlorides
68909773		Ethanol, 2,2'-oxybis-, reaction products with ammonia, morpholine derivs. resid
68910054		Ethanol, 2-amino-, reaction products with ammonia, by-products from
68910690		Fats and Glyceridic oils, menhaden, stearins
68910930		Fatty acids, tall-oil, reaction products with polyethylenepolyamines
68911580		Gases, (petroleum), hydrotreated sour kerosine depentanizer stabilizer off
68911591		Gases, (petroleum), hydrotreated sour kerosine flash drum
68911615		Alcohols, C18-32
68915059		Fatty acids, tall-oil, low-boiling, reaction products with ammonia-ethanolamine
68915311		Polyphosphoric acids, sodium salts
68915388		Cyclohexane, oxidized, aq. ext.
68915399		Cyclohexane, oxidized, aq. ext., sodium salt
68915968		Distillates, (petroleum), heavy straight-run
68915979		Gas oils, (petroleum), straight-run, high-boiling
68918161		Tar, coal, dried and oxidized
68918365		Soaps, stocks, C8-18 and C18-unsatd. alkyl
68918423		Soaps, stocks, soya

CAS Number	Indicator	Chemical
68918730		Residues, (petroleum), clay-treating filter wash
68918989		Fuel gases, refinery, hydrogen sulfide-free
68918990		Gases, (petroleum), crude oil fractionation off
68919017		Gases, (petroleum), distillate unfiner desulfurization stripper off
68919028		Gases, (petroleum), fluidized catalytic cracker fractionation off
68919039		Gases, (petroleum), fluidized catalytic cracker scrubbing secondary absorber of
68919040		Gases, (petroleum), heavy distillate hydrotreater desulfurization stripper off
68919051		Gases, (petroleum), light straight run gasoline fractionation stabilizer off
68919062		Gases, (petroleum), naphtha unfiner desulfurization stripper off
68919073		Gases, (petroleum), platformer stabilizer off, light ends fractionation
68919084		Gases, (petroleum), preflash tower off, crude distn.
68919095		Gases, (petroleum), straight-run naphtha catalytic reforming off
68919108		Gases, (petroleum), straight-run stabilizer off
68919120		Gases, (petroleum), unfiner stripper off
68919153		Hydrocarbons, C6-12, benzene-recovery
68919164		Hydrocarbons, C3-6, catalytic alkylation by-products
68919175		Hydrocarbons, C12-20, catalytic alkylation by-products
68919197		Gases, (petroleum), fluidized catalytic cracker splitter residues
68919200		Gases, (petroleum), fluidized catalytic cracker splitter overheads
68919379		Naphtha, (petroleum), full-range reformed
68919391		Natural gas condensates
68920069		Hydrocarbons, C7-9
68920649		Disulfides, di-C1-2-alkyl
68920707		Alkanes, C6-18, chloro
68921084		Distillates, (petroleum), light straight-run gasoline fractionation stabilizer
68921095		Distillates, (petroleum), naphtha unfiner stripper
68921459		Benzenamine, N-phenyl-, reaction products with styrene and 2,4,4-trimethylpente
68921675		Hydrocarbons, ethylene-manuf.-by-product distn. residues
68937280		1,6-Hexanediol, distn. overheads
68937291		1,6-Hexanediol, distn. residues
68937417		Phenol, isopropylated, phosphate (3:1)
68937484		1,3-Propanediol, 2-ethyl-2-(hydroxymethyl)-, C5-9 carboxylates
68937644		Alcohols, C2-20, aluminum salts
68937699		Carboxylic acids, C6-18 and C5-15-di-

CAS Number	Indicator	Chemical
68937702		Carboxylic acids, C6-18 and C8-15-di-
68937713		Carboxylic acids, C6-18 and C8-15-di-, hydrogenated
68937724		Carboxylic acids, di-, C4-11
68937757		Fatty acids, C8-10
68937848		Fatty acids, C12-18, Me esters
68937859		Fatty acids, coco, heavy fractions
68937906		Fatty acids, C18-unsatd., trimers
68938001		Terpenes and Terpenoids, turpentine-oil residues
68938023		Pentene, hydroformylation products, low-boiling
68938034		Octene, hydroformylation products, low-boiling
68938045		Nonene, hydroformylation products
68938078		Fatty acids, C9-13-neo-
68938158		Fatty acids, coco, hydrogenated
68938794		Benzoic acid, 3,6-dichloro-2-hydroxy-, potassium sodium salt
68938807		Benzoic acid, 3,6-dichloro-2-hydroxy-, dipotassium salt
68938818		Phenol, 2,5-dichloro-, potassium salt
68938965		Benzene, phenoxytetrapropylene-
68951393		1,2-Benzenedicarboxylic acid, C4-13-branched alkyl esters
68952330		Tar acids, cresylic, C8-rich, phosphates
68952352		Tar acids, cresylic, Ph phosphates
68952761		Gases, (petroleum), catalytic cracked naphtha debutanizer
68952783		Tail gas, (petroleum), catalytic hydrodesulfurized distillate fractionation sta
68952794		Tail gas, (petroleum), catalytic hydrodesulfurized naphtha separator
68952807		Tail gas, (petroleum), straight-run naphtha hydrodesulfurizer
68952818		Tail gas, (petroleum), thermal-cracked distillate, gas oil and naphtha absorber
68952829		Tail gas, (petroleum), thermal cracked hydrocarbon fractionation stabilizer, pe
68952943	1	Soaps, stocks, vegetable-oil
68953366		Fatty acids, tall-oil, reaction products with tetraethylenepentamine
68953582		Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts wi
68953708		Oxirane, reaction products with ammonia, distn. residues
68953800		Benzene, mixed with toluene, dealkylation product
68953844		1,4-Benzenediamine, N,N'-mixed Ph and tolyl derivs.
68953968		Benzenesulfonic acid, mono-C11-13-branched alkyl derivs., calcium salts
68954074		Boric acid, reaction products with diethanolamine

CAS Number	Indicator*	Chemical
68955191		Sulfuric acid, mono-C12-18-alkyl esters, sodium salts
68955271		Distillates, (petroleum), petroleum residues vacuum
68955282		Gases, (petroleum), light steam-cracked, butadiene conc.
68955293		Distillates, (petroleum), light thermal cracked, debutanized arom.
68955339		Gases, (petroleum), sponge absorber off, fluidized catalytic cracker and gas oi
68955340		Gases, (petroleum), straight-run naphtha catalytic reformer stabilizer overhead
68955351		Naphtha, (petroleum), catalytic reformed
68955362		Residues, (petroleum), steam-cracked, resinous
68955373		Acid chlorides, tallow, hydrogenated
68955533		Amines, C12-14-tert-alkyl
68955760		Aromatic hydrocarbons, C9-16, biphenyl deriv.-rich
68955964		Disulfides, dialkyl and di-Ph, naphtha sweetening
68955986		Fatty acids, C16-18 and C18-unsatd., branched and linear
68956127		Fatty acids, C18-unsatd., dimers, distn. lights
68956478		Fuel oil, isoprene reject absorption
68956489		Fuel oil, residual, wastewater skimmings
68956525		Hydrocarbons, C4-8
68956547		Hydrocarbons, C4-unsatd.
68956569		Hydrocarbons, terpene processing by-products
68956707		Petroleum products, C5-12, reclaimed, wastewater treatment
68974787		Phenol, thiobisO(tetrapropenyl)-, magnesium salt
68987417		Benzene, ethylenated
68987428		Benzene, ethylenated, residues
68987484		Benzene, (1-methylethyl)-, distn. residues, bis(1-methylethyl)benzene-rich
68987519		1,4-Benzenedicarboxylic acid, mixed esters with diethylene glycol, ethylene gly
68987666		Ethene, hydrated, by-products from
68987906		Poly(oxy-1,2-ethanediyl), .alpha.-(octylphenyl)-.omega.-hydroxy-, branched
68988227		1,4-Benzenedicarboxylic acid, dimethyl ester, manuf. of, by-products from
68988465		Phosphorodithioic acid, mixed O,O-bis(iso-Bu and isooctyl and pentyl) esters, z
68988998		Phenols, sodium salts, mixed with sulfur compounds, gasoline alk. scrubber resi
68989333		Alkenes, C2-3, hydroformylation products
68989571		Fatty acids, C16-18 and C18-unsatd., diesters with polyethylene glycol
68989888		Gases, (petroleum), crude distn. and catalytic cracking

CAS Number	Indicator	Chemical
68989979		Fats and Glyceridic oils, vegetable, deodorizer distillates, Me esters
68989980		Fats and Glyceridic oils, vegetable, residues
68990205		Aldehydes, C2-4, condensation products with acetone, dehydrated, hydrogenated,
68990216		Aldehydes, C4, self-condensation products, high-boiling fraction
68990523		Fatty acids, vegetable-oil, Me esters
68990534		Glycerides, C14-22 mono-
68990545		Glycerides, C14-22 mono-, acetates
68990614		Tar, coal, high-temp., high-solids
68990658		Fats and Glyceridic oils, vegetable, reclaimed
68990807		Fats and Glyceridic oils, animal, mixed with animal oil Me esters, sulfurized
68991526		Alkenes, C10-16
69011069		Lead, O1,2-benzenedicarboxylato(2-)-@pdioxotri-
69012324		Slags, phosphorus-manufg.
69012620		Flue dust, phosphorus-refining
69013214		Fuel oil, pyrolysis
69029750		Oils, reclaimed
69045789		Pyridine, 2-chloro-5-(trichloromethyl)-
69430337		Hydrocarbons, C6-30
69834179		Benzene, decylphenoxy-
70024576		9-Octadecenoic acid (Z)-, ester with 2-ethyl-2-(hydroxymethyl)-1,3-propanediol
70024678		Benzenesulfonic acid, C16-24-alkyl derivs.
70024690		Benzenesulfonic acid, mono-C16-24-alkyl derivs., calcium salts
70024850		Pyridine, methyl-, chloro derivs.
70024929		Alkanes, C7-8-iso-
70084854		Fatty acids, tallow, distn. residues
70084989		Terpenes and Terpenoids, C10-30, distn. residues
70131509		Bentonite, acid-leached
70191752		Benzenesulfonic acid, decyl(sulfophenoxy)-
70248236		Amides, from C18-unsatd. fatty acid dimers and polyhexamethylenepolyamines
70248270		Fatty acids, animal, distn. residues
70321721		Fatty acids, C8-18 and C18-unsatd., distn. residues
70321732		Fatty acids, C14-18 and C16-18-unsatd., distn. residues
70321798		Creosote oil, high-boiling distillate

CAS Number	Indicator*	Chemical
70321801		Creosote oil, low-boiling distillate
70321867		Phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)-
70356320		Benzene, C14-26-alkyl derivs.
70528733		Residues, (petroleum), heavy distillate solvent ext. vacuum
70592766		Distillates, (petroleum), intermediate vacuum
70592777		Distillates, (petroleum), light vacuum
70592788		Distillates, (petroleum), vacuum
70592799		Residues, (petroleum), atm. tower, light
70592802		Amines, C10-16-alkyldimethyl, N-oxides
70693060		Aromatic hydrocarbons, C9-11
70693504		Phenol, 2,4-bis(1-methyl-1-phenylethyl)-6-O(2-nitrophenyl)azo@p-
70729689		Heptanoic acid, oxybis(2,1-ethanedioxy-2,1-ethanedioyl) ester
70851080		Amides, coco, N-O3-(dimethylamino)propyl@p, alkylation products with sodium 3-ch
70913858		Residues, (petroleum), solvent-extd. vacuum distilled atm. residuum
70914204		Alcohols, C6-8-branched
70955032		Hexene, hydroformylation products, low-boiling
70955043		Hexene, hydroformylation products, high-boiling
70955087		Alkanes, C4-6
70955112		Hexene, hydroformylation products
70955178		Aromatic hydrocarbons, C12-20
70983721		Fatty acids, C5-10, esters with dipentaerythritol
71011262		Quaternary ammonium compounds, benzyl(hydrogenated tallow alkyl)dimethyl, salts
71011273		Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts wi
71060725		Quaternary ammonium compounds, tri-C14-18-alkylmethyl, chlorides
71077059		Ethanol, 2,2'-oxybis-, reaction products with ammonia, morpholine product tower
71077162		Pyridine, C1-3-alkyl derivs.
71243680		Resin acids and Rosin acids, fumarated, decyl esters
71329378		Residues, (petroleum), catalytic cracking depropanizer, C4-rich
71486798		Benzenesulfonic acid, mono-C15-30-branched alkyl and di-C11-13-branched and lin
71549796		Benzenesulfonic acid, mono-C15-30-branched alkyl and di-C11-13-branched and lin
71786475		Benzenesulfonic acid, mono- and dialkyl derivs., magnesium salts

CAS Number	Indicator*	Chemical
71808305		Tail gas, (petroleum), thermal cracking absorber
71820354		Fatty acids, tall-oil, low-boiling, reaction products with 1-piperazineethanami
71888896		1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich
72030263		Cyclopentene, hexachloro-
72162153		1-Decene, sulfurized
72162233		Nitric acid, reaction products with cyclododecanol and cyclododecanone, by-prod
72162288		2-Propanone, reaction products with phenol
72207557		Benzenamine, ethylenated, distn. residues
72230785		Nitriles, tallow, distn. residues
72230796		Nitriles, tallow, hydrogenated, distn. residues
72252483		Benzoic acid, 3-[2-chloro-4-(trifluoromethyl)phenoxy]-, potassium salt
72275866		Alkenes, C15-18 .alpha.-, reaction products with sulfurized dodecylphenol calci
72379283		Fatty acids, tallow, hydrogenated, distn. residues
72480456		Fatty acids, C9-28-neo-
72480570		Fatty acids, tallow, hydrogenated, stearic acid fraction, distn. residues
72623724		Amides, C14-18, N-[2-(C13-17-alkyl-4,5-dihydro-1H-imidazol-1-yl)ethyl]
72623735		Amides, C12-18, N-(hydroxyethyl)
72623837		Lubricating oils, (petroleum), C > 25, hydrotreated bright stock-based
72623859		Lubricating oils, (petroleum), C20-50, hydrotreated neutral oil-based, high-vis
72623860		Lubricating oils, (petroleum), C15-30, hydrotreated neutral oil-based
72623871		Lubricating oils, (petroleum), C20-50, hydrotreated neutral oil-based
72624023		Phenol, heptyl derivs.
72854274		Tannins, reaction products with sodium bisulfite, sodium polysulfide and sodium
73070378		Cuprate(4-), [.mu.-[[3,3'-[[3,3'-dihydroxy[1,1'-biphenyl]-4,4'-diyl]bis(azo)]bi
73138677	1	Lard, hydrogenated
73246954		Benzaldehyde, 4-hydroxy-3-methoxy-, manuf. of, distn. residues
73467773		Poly[oxy(ethyl-1,2-ethanediy)], .alpha.-(chlorocarbonyl)-.omega.-(tetrapropyle
73665186		Extract residues, (coal), tar oil alk., naphthalene distn. residues
73758620		Phenol, C12-and C18-30-alkyl derivs., sulfurized, calcium salts, overbased
74499357		Phenol, (tetrapropenyl) derivs.
74664941		Amides, from polyethylenepolyamines and tall-oil fatty acids
75782864		Alcohols, C12-13
75782875		Alcohols, C14-15

CAS Number	Indicator*	Chemical
76899359		Eicosenoic acid, methyl ester, (Z)-
77098078		1,2-Benzenedicarboxylic acid, 3,4,5,6-tetrabromo-, mixed esters with diethylene
78330128		Benzenesulfonic acid, mono- and di-C15-30-alkyl derivs., sodium salts
83864022		Nickel, bis[(cyano-C)triphenylborato(1-)-N]bis(hexanedinitrile-N,N')-
84501860		Hexanedioic acid, esters with high-boiling C6-10-alkene hydroformylation product
84605287		Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters
84605298		Phosphorodithioic acid, mixed O,O-bis(1,3-dimethylbutyl and iso-Pr) esters, zinc
84852153	2	Phenol, 4-nonyl-, branched
84961706		Benzene, mono-C10-13-alkyl derivs., distn. residues
85117415		Benzene, mono-C10-14-alkyl derivs., fractionation bottoms
85137071		Butanedioic acid, polyisobutenyl derivs., reaction products with tetraethylenep
86508421		Perfluoro compounds, C5-18
87396223		Phosphonic acid, [(phosphonomethyl)imino]bis[6,1-hexanediyl]nitrolobis(methylen
88230357		Hexanol, acetate, branched and linear
88917220		Propanol, (2-methoxymethylethoxy)-, acetate
89347091		1,3,4-Thiadiazole, 2,5-bis(tert-nonyldithio)-
89740114		Nonanoic acid, 4-sulfohenyl ester, sodium salt
90438792		Acetic acid, C6-8-branched alkyl esters
90622461		Alkanes, C14-16
90640805		Anthracene oil
90640861		Distillates, (coal tar), heavy oils
93924073		Alkanes, C10-14
94094936		Benzene, mono-C10-13-alkyl derivs., fractionation bottoms, heavy ends
98510895		Bicyclo[3.1.1]heptanol, 2,6,6-trimethyl-
102268155		2,3-Pyridinedicarboxylic acid, 5-ethyl-
102479878		Gases, (petroleum), extractive, C3-5, butene-isobutylene-rich, reaction product
108083438		Gases, (petroleum), extractive, C4-6, isopentene-rich, reaction products with m
108083449		Gases, (petroleum), extractive, C4-6, isopentene-rich, reaction products with m
111381896		1,2-Benzenedicarboxylic acid, heptyl nonyl ester, branched and linear
111381909		1,2-Benzenedicarboxylic acid, heptyl undecyl ester, branched and linear
111381910		1,2-Benzenedicarboxylic acid, nonyl undecyl ester, branched and linear

CAS Number	Indicator*	Chemical
113706142		Phosphorodithioic acid, mixed O,O-bis(sec-Bu and isoocetyl) esters
113706153		Phosphorodithioic acid, mixed O,O-bis(sec-Bu and isoocetyl) esters, zinc salts
114959465		Benzoic acid, 2-hydroxy-, mono-C14-18-alkyl derivs., calcium salts (2:1)
115733089		Benzene, C14-24-branched and linear alkyl derivs.
115733090		Benzenesulfonic acid, C14-24-branched and linear alkyl derivs., calcium salts
115733103		Benzenesulfonic acid, C14-24-branched and linear alkyl derivs., calcium salts,
115829362		Benzenesulfonic acid, C14-24-branched and linear alkyl derivs.
116265680		Phosphorous acid, triphenyl ester, reaction products with dipropylene glycol
117875771		Sulfuric acid, mono-C10-16-alkyl esters, compds. with triethanolamine
119345027		Benzene, 1,1'-oxybis-, tetrapropylene derivs.
119345038		Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated
119345049		Benzene, 1,1'-oxybis-, tetrapropylene derivs., sulfonated, sodium salts
121250473		Octadecadienoic acid
125252495		Bicyclo[3.1.1]heptan-2-ol, 2,6,6-trimethyl-, thermal-rearrangement products, li
125715379		Shale oils, hydrocracked
125904112		Benzene, ethenyl-, ar-bromo derivs.
125997208		Phosphoric acid, mixed 3-bromo-2,2-dimethylpropyl and 2-bromoethyl and 2-chloro
129813587	2	Benzene, mono-C10-13-alkyl derivs.
129813598	2	Benzene, mono-C12-14-alkyl derivs.
129813623		Benzene, mono-C10-13-alkyl derivs., fractionation bottoms, light ends
129813678		Alkanes, C12-14
131298447		Benzoic acid, C9-11-branched alkyl esters

*Possible values for indicator column:

- 1 = Chemical is not considered a candidate for testing under the HPV Challenge Program, based on preliminary EPA review indicating that testing using the SIDS base set would not further our understanding of the chemical's properties.
- 2 = Chemical is otherwise handled under the Organisation for Economic Co-operation and Development (OECD) Screening Information Data Set (SIDS) Program.